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TECHNICAL MEMORANDUM

MOBILE TAGA SURVEY

AMBIENT PCBs

LOWER WALKER DRAIN

LONDON, ONTARIO

OCTOBER, 1985

ARB-87-86-AQM

March, 1986

Ontario
Ministry of the Environment

Dr. David Balsillie, Director
Air Resources Branch

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The London Regional Office
Ontario Ministry of the Environment

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EXECUTIVE SUMMARY

At the request of the London Regional Office of the Ontario Ministry of the Environment, the mobile TAGA unit performed an air monitoring survey in London, Ontario. The survey objective was to provide near real-time measurements of volatile PCBs during the excavation of PCB contaminated soil and sediments associated with the Lower Walker Drain. The survey took place during a two week period in October, 1985.

Air samples were screened for ambient PCBs every 2 minutes using the mobile TAGA operated by the Air Resources Branch. Over 500 2-minute air samples were analysed for the di- to pentachlorobiphenyl congeners while the excavation proceeded from Oxford Street to Culver Drive.

None of the 34 ½-hour concentrations for ambient PCBs exceeded the Ministry guideline of 0.45 ug/m^3. In fact, for a vast majority of the samples, PCBs were either not detected or were not confirmed present.

INTRODUCTION

During the fall of 1985 the mobile TAGA unit (MAMU #3) performed an air monitoring survey for the Ministry's London Regional Office. The purpose of this survey was to monitor ambient polychlorinated biphenyls (PCBs) during the excavation of soil and sediments from the Lower Walker Drain, between Oxford Street and Culver Drive. The near real-time capabilities of the TAGA allows the Ministry to monitor volatile PCBs on-site, thereby determining immediately if the air quality guideline for PCBs is being violated. The survey began on October 11, 1985, six days before the excavation commenced and lasted until October 25, 1985, when the excavation was completed to Culver Drive. Throughout the survey our findings were reported to Mr. Jim Janse and/or Mr. John Bray of the London Regional Office. This report summarizes our findings and presents all of the PCB measurements, and the meteorological data.

TAGA TECHNOLOGY AND PCB ANALYSIS

In October, 1984, the TAGA successfully completed a similar survey in London during the removal of PCB contaminated soil from Westinghouse property. Complete details regarding the TAGA/PCB monitoring technique are provided in the report pertaining to the 1984 survey (ARB 243-84-ARSP).

Briefly, the TAGA (model 3000) is a specialized quadrupole mass spectrometer with an atmospheric - pressure, chemical ionization ion source. When sampling ambient air for PCBs a probe is placed directly in the ambient gas stream (100 l/min) for a period of 2 minutes. During this time ambient PCBs are trapped on the coil, which is coated with a gas chromatographic phase (OV-17). The absorbed PCBs are then rapidly vapourized directly into the ion source and mass analyzed. For every 2 minute sample four congeners of PCBs can be monitored simultaneously.

During the 1984 survey sample collection was achieved with a single probe operated manually. For this survey, however, samples were acquired using an automated dual probe system, commercially known as the ASTA (Automated Short Term Absorber). Unlike the single probe, the new ASTA allows for continuous monitoring, producing ambient concentration data every 2 minutes, thereby allowing for the determination of ½-hour PCB concentrations.

The calibration procedures for the ASTA are essentially identical to those of the single probe. As previous, the sensitivity for each PCB congener was determined through the use of a five-point calibration curve. Repeated calibrations established that the calibration curve was linear within our measuring range of 0.85 to 4.7 ug/m^3 for total PCBs. The relative standard deviation for repeated injections of a known PCB concentration was no greater than 10%.

During this survey calibrations were performed daily at locations upwind of the Lower Walker Drain. As well, single-point calibrations were performed periodically throughout the day at downwind locations to confirm the daily calibration factors. It was determined that the calibration factors did not vary more than 20% throughout the day. Typical detection limits (DL) ranged from 0.01 to 0.1 ug/m^3 per PCB congener, or from 0.05 to 0.25 ug/m^3 for total PCBs during the survey. The detection limit per congener is defined as being 3 times the standard deviation of the background signal of that congener mass, divided by the corresponding calibration factor. Thus the DL is a factor of the system's sensitivity and the variation in the background signal. As such, the DL is revised daily when the calibration factors are determined at the background locations.

DATA PROCESSING AND INTERPRETATION

Immediately following the desorption of a probe, the TAGA computer calculates the level of PCBs per congener, per chlorine isotope, from the net signal (sample minus background) and the calibration factors. In fact, for each congener group two measurements are made; one for the chlorine 35 isotope (M); and one for the chlorine 37 isotope (M+2). The data is then interpretted using the following criteria:

1) the desorption peak (integrated signal) must be at least 3 times greater than the probe noise (S/N>3);
2) the PCB levels for a given isotope pair must be within the overall experimental accuracy of 20%;
3) the calculated isotope ratios must be within 10% of the theoretical isotope ratio for a given congener.

If condition 1) above is not satisfied, the congener concentration is below the detection limit and a ND is reported. If conditions 2) and/or 3) are not met then a chemical interference at one, or both, of the congener

masses is assumed to be present, and the lower concentration value of the two isotopes is assigned the upper concentration limit for that particular PCB congener. Throughout this survey, chemical interferences were observed whenever a sampling location was at close proximity to diesel powered equipment. When the calculated concentrations for an isotope pair differed by more than 30% an i (interference) has been reported. In contrast to the previous PCB survey (1984), chemical interferences dominated the measurements. Nevertheless, if the interference levels are calculated in terms of equivalent PCBs, the levels are still below the MOE guideline of 0.45 ug/m^3 for the ½-hour averaged concentration.

RESULTS AND DISCUSSION

Over 500 air samples (2 minutes each) were collected and analyzed for PCBs between October 16 and October 25, 1985. The results of the analysis for all of the samples are provided in Tables 1 to 34, Appendix 1. In addition to the individual PCB measurements, these Tables (Appendix 1) also contain the meteorological data for each monitoring period, the sampling locations, the time periods and general site activities. These data are summarized by 34 ½-hour concentrations (see attached Table). The concentration data represents the arithmetic mean of fifteen 2-minute samples acquired over a 30 minute period. The meteorological data acquired by the mobile TAGA unit are reproduced in Appendix 2.

Throughout the survey the di- to pentachlorobiphenyls were monitored. For a brief period on October 25 the ambient air was screened for monochlorobiphenyl (Tables 29, 30, 31). The monochlorobiphenyl was not confirmed present.

A majority of the individual 2-minute readings reported in Appendix 1 were below the detection limit and have been designated "ND" (not detected). All 34 ½-hour concentrations for ambient PCBs were either below the detection limits or dominated by interferences from contaminants at the same ionic mass as PCBs. At no time did the measured levels (½-hour averages) exceed the MOE guideline of 0.45 ug/m^3, even if the interferences were considered to be PCBs. With the consent of the London Regional Office, the survey was halted at 18:30 on October 25, 1985. At this time the excavation had been completed to Culver Drive.

TAGA PCB SURVEY - LOWER WALKER DRAIN (LONDON) DATA SUMMARY

DATE	TIME PERIOD	LOCATION	TOTAL PCBs (ug/m^3) AV.	HI.	LO.	CONGENERS	COMMENTS
16/10/85	12:57-13:27	Culver Dr.	0.03i	0.07i	0.05i	2-5	Prior to excavation
16/10/85	14:05-14:35	Culver Cr.	ND	0.09i	ND	2-5	
16/10/85	15:29-15:59	Culver Ct.	ND	0.07i	ND	2-5	
17/10/85	11:07-11:37	Oxford St.	0.10i	0.39i	0.02	2-5	Excavation of 'upper' Lower Walker Drain
17/10/85	12:52-13:22	Oxford St.	ND	0.04	ND	2-5	
17/10/85	13:24-13:54	Oxford St.	ND	ND	ND	2-5	
17/10/85	14:14-14:44	Oxford St.	ND	0.02i	ND	2-5	
17/10/85	14:53-15:23	Oxford St.	ND	0.02i	ND	2-5	
17/10/85	15:25-15:55	Oxford St.	0.03i	0.21i	ND	2-5	
17/10/85	15:57-16:27	Oxford St.	0.08i	0.19i	ND	2-5	
17/10/85	16:29-16:59	Oxford St.	0.03i	0.18i	ND	2-5	
17/10/85	17:48-18:18	Excavation Site	0.24i	0.43i	0.02	2-5	
17/10/85	18:28-18:58	Excavation Site	0.10i	0.55i	ND	2-5	
17/10/85	19:00-19:30	Excavation Site	0.12i	0.27i	ND	2-5	
17/10/85	19:51-20:21	Excavation Site	0.17i	0.29i	0.03i	2-5	
17/10/85	20:36-21:06	Excavation Site	0.14i	0.33i	0.02	2-5	
22/10/85	11:14-11:44	Culver Cr.	ND	ND	ND	2-5	Excavation of 'lower' Lower Walker Drain
22/10/85	12:38-13:08	Culver Ct.	ND	ND	ND	2-5	- RR Culvert
22/10/85	13:44-14:14	Culver Cr.	ND	ND	ND	2-5	
22/10/85	14:16-14:46	Culver Cr.	ND	ND	ND	2-5	
23/10/85	11:20-11:50	Culver Cr.	0.05i	0.08i	ND	2-5	Excavation of 'lower' Lower Walker Drain
23/10/85	11:59-12:29	Culver Cr.	0.04i	0.08i	ND	2-5	
23/10/85	12:31-13:01	Culver Cr.	0.03i	0.09i	ND	2-5	
23/10/85	16:57-17:27	Culver Cr.	ND	ND	ND	2-5	
23/10/85	17:41-18:11	Culver Cr.	ND	0.02	ND	2-5	
23/10/85	19:52-20:22	3rd St.	ND	ND	ND	2-5	
25/10/85	12:02-12:32	Culver Dr.	0.11i	0.36	ND	2-5	Excavation of 'lower' Lower Walker Drain
25/10/85	12:34-13:04	Culver Dr.	0.14i	0.31	ND	2-5	
25/10/85	13:32-14:02	Culver Dr.	0.25i	0.45i	0.02	1-4	
25/10/85	14:04-14:34	Culver Dr.	0.27i	0.57i	0.10	1-4	
25/10/85	14:36-15:06	Culver Dr.	0.18i	0.38	ND	1-4	
25/10/85	15:18-15:48	Culver Dr.	0.09i	0.22	ND	2-5	
25/10/85	16:47-17:17	Culver Dr.	ND	ND	ND	2-5	
25/10/85	17:35-18:05	Culver Pl.	ND	ND	ND	2-5	

Note:
1. All locations were downwind of the excavation site.
2. i indicates at least a 30% contribution to the total by chemical interference.
3. ND means not detected above the detection limit and/or sampling probe noise (S/N<3).
4. Each ½-hour sample (Av.) consists of 15 2-minute adsorptions. Highest single 2-minute reading (Hi.) and lowest 2-minute reading (Lo.) are reported for each ½-hour average.

APPENDIX 1

TAGA PCB SURVEY - LOWER WALKER DRAIN (LONDON)
MONITORING RESULTS

1. All locations were downwind of excavation site.

2. i indicates at least a 30% contribution to the total by a chemical interference.

3. ND means not detected above the detection unit and/or sampling probe noise (S/N > 3).

4. DL means detection limit (3 x standard deviation of background/sensitivity per ug/m^3).

5. Congeners are abbreviated as follows:

   MON - Monochlorobiphenyl
   DI - Dichlorobiphenyl
   TRI - Trichlorobiphenyl
   TET - Tetrachlorobiphenyl
   PEN - Pentachlorobiphenyl

TABLE 1 DATE: October 16, 1985

LOCATION: 1736 Culver Drive

MET: NW winds at 15 to 30 km/hr; 9°C

COMMENTS: Prior to excavation

FILE NAME: 160C05

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.04)	TRI (0.04)	TET (0.08)	PEN (0.07)	Total
12:57		0.05i	ND	ND	ND	0.05i
12:59		0.07i	ND	ND	ND	0.07i
13:01		ND	ND	ND	ND	ND
13:03		0.07i	ND	ND	ND	0.07i
13:05		ND	ND	ND	ND	ND
13:07		0.06i	ND	ND	ND	0.06i
13:10		ND	ND	ND	ND	ND
13:12		0.05i	ND	ND	ND	0.05i
13:14		ND	ND	ND	ND	ND
13:16		0.06i	ND	ND	ND	0.06i
13:18		ND	ND	ND	ND	ND
13:20		0.06i	ND	ND	ND	0.06i
13:22		ND	ND	ND	ND	ND
13:25		ND	ND	ND	ND	ND
13:27		ND	ND	ND	ND	ND
					Average:	0.03i

TABLE 2 DATE: October 16, 1985

LOCATION: 124 Culver Crescent

MET: NW winds at 15 to 25 km/hr; 9°C

COMMENTS: Prior to excavation

FILE NAME: 160C06

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.04)	TRI (0.04)	TET (0.08)	PEN (0.07)	Total
14:05		ND	ND	ND	ND	ND
14:07		0.09i	ND	ND	ND	0.09i
14:09		ND	ND	ND	ND	ND
14:11		ND	ND	ND	ND	ND
14:13		ND	ND	ND	ND	ND
14:15		ND	ND	ND	ND	ND
14:17		0.05i	ND	ND	ND	0.05i
14:20		0.08i	ND	ND	ND	0.08i
14:22		ND	ND	ND	ND	ND
14:24		ND	ND	ND	ND	ND
14:26		ND	ND	ND	ND	ND
14:28		0.08i	ND	ND	ND	0.08i
14:30		ND	ND	ND	ND	ND
14:32		0.07i	ND	ND	ND	0.07i
14:34		0.05i	ND	ND	ND	0.05i
					Average:	ND

TABLE 3 DATE: October 16, 1985

LOCATION: 46 Culver Court

MET: NW winds at 15 to 25 km/hr; 10°C

COMMENTS: Prior to excavation

FILE NAME: 160C07

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.04)	TRI (0.04)	TET (0.08)	PEN (0.07)	Total
15:29		0.06i	ND	ND	ND	0.06i
15:31		0.07i	ND	ND	ND	0.07i
15:33		0.07i	ND	ND	ND	0.07i
15:35		0.06i	ND	ND	ND	0.06i
15:37		ND	ND	ND	ND	ND
15:39		ND	ND	ND	ND	ND
15:41		ND	ND	ND	ND	ND
15:43		0.07i	ND	ND	ND	0.07i
15:46		ND	ND	ND	ND	ND
15:48		ND	ND	ND	ND	ND
15:50		ND	ND	ND	ND	ND
15:52		ND	ND	ND	ND	ND
15:54		ND	ND	ND	ND	ND
15:56		ND	ND	ND	ND	ND
15:58		ND	ND	ND	ND	ND
					Average:	ND

TABLE 4 DATE: October 17, 1985

LOCATION: Opposite 1761 Oxford Street

MET: Not available

COMMENTS: Excavation first observed

FILE NAME: 170C10

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
11:07		0.24i	0.06	0.04i	0.05i	0.39i
11:09		0.14i	0.04	0.02i	ND	0.20i
11:11		ND	0.04i	0.02i	ND	0.06i
11:13		0.15i	0.03i	ND	ND	0.18i
11:16		ND	0.02i	0.02i	ND	0.04i
11:18		ND	0.03	ND	ND	0.03
11:20		ND	0.02	0.02	ND	0.04
11:22		0.15i	0.03	0.02i	0.05i	0.25i
11:24		ND	0.02i	0.02i	ND	0.04i
11:26		ND	0.02i	0.02i	ND	0.04i
11:28		ND	0.02	0.02	ND	0.04
11:30		ND	0.02i	0.02	ND	0.04i
11:33		ND	0.03	0.02	ND	0.05
11:35		ND	0.02	ND	ND	0.02
11:37		ND	0.03	0.02i	ND	0.05i
					Average:	0.10i

TABLE 5 DATE: October 17, 1985

LOCATION: Oxford Street (opposite Western Colour Film Service Ltd.)

MET: S winds at 10 to 25 km/hr; 14°C

COMMENTS: Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C12

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
12:52		ND	0.03i	ND	ND	0.03i
12:54		ND	0.04	ND	ND	0.04
12:56		ND	ND	ND	ND	ND
12:58		ND	ND	ND	ND	ND
13:00		ND	ND	ND	ND	ND
13:02		ND	ND	ND	ND	ND
13:04		ND	ND	ND	ND	ND
13:07		ND	ND	ND	ND	ND
13:09		ND	ND	ND	ND	ND
13:11		ND	ND	ND	ND	ND
13:13		ND	ND	ND	ND	ND
13:15		ND	ND	ND	ND	ND
13:17		ND	ND	ND	ND	ND
13:19		ND	ND	ND	ND	ND
13:21		ND	ND	ND	ND	ND
					Average:	ND

TABLE 6 DATE: October 17, 1985

LOCATION: Oxford Street (opposite Western Colour Film Service Ltd.)

MET: S winds at 5 to 25 km/hr; 13°C

COMMENTS: Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C12

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
13:24		ND	ND	ND	ND	ND
13:26		ND	ND	ND	ND	ND
13:28		ND	ND	ND	ND	ND
13:30		ND	ND	ND	ND	ND
13:32		ND	ND	ND	ND	ND
13:34		ND	ND	ND	ND	ND
13:36		ND	ND	ND	ND	ND
13:39		ND	ND	ND	ND	ND
13:41		ND	ND	ND	ND	ND
13:43		ND	ND	ND	ND	ND
13:45		ND	ND	ND	ND	ND
13:47		ND	ND	ND	ND	ND
13:49		ND	ND	ND	ND	ND
13:51		ND	ND	ND	ND	ND
13:53		ND	ND	ND	ND	ND
					Average:	ND

TABLE 7 DATE: October 17, 1985

LOCATION: Oxford Street (opposite Honda dealer)

MET: SSW winds at 10 to 20 km/hr; 13°C

COMMENTS: Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C13

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
14:14		ND	ND	ND	ND	ND
14:16		ND	ND	ND	ND	ND
14:18		ND	ND	ND	ND	ND
14:20		ND	ND	ND	ND	ND
14:22		ND	ND	ND	ND	ND
14:24		ND	ND	ND	ND	ND
14:27		ND	ND	ND	ND	ND
14:29		ND	ND	ND	ND	ND
14:31		ND	ND	ND	ND	ND
14:33		ND	0.02i	ND	ND	0.02i
14:35		ND	ND	ND	ND	ND
14:37		ND	ND	ND	ND	ND
14:39		ND	ND	ND	ND	ND
14:41		ND	ND	ND	ND	ND
14:44		ND	ND	ND	ND	ND
					Average:	ND

TABLE 8 DATE: October 17, 1985

LOCATION: Oxford Street (opposite Honda dealer)

MET: SSW winds at 10 to 20 km/hr; 13°C

COMMENTS: Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C14

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
14:53		ND	ND	ND	ND	ND
14:55		ND	ND	ND	ND	ND
14:58		ND	ND	ND	ND	ND
15:00		ND	ND	ND	ND	ND
15:02		ND	ND	ND	ND	ND
15:04		ND	ND	ND	ND	ND
15:06		ND	0.02i	ND	ND	0.02i
15:08		ND	ND	ND	ND	ND
15:10		ND	ND	ND	ND	ND
15:13		ND	ND	ND	ND	ND
15:15		ND	ND	ND	ND	ND
15:17		ND	ND	ND	ND	ND
15:19		ND	0.02i	ND	ND	0.02i
15:21		ND	0.02	ND	ND	0.02
15:23		ND	ND	ND	ND	ND
					Average:	ND

TABLE 9 DATE: October 17, 1985

LOCATION: Oxford Street (opposite Honda dealer)

MET: S winds at 10 to 20 km/hr; 13°C

COMMENTS: Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C14

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
15:25		ND	ND	ND	ND	ND
15:27		ND	0.02	ND	ND	0.02
15:30		ND	0.02i	ND	ND	0.02i
15:32		ND	0.02i	ND	ND	0.02i
15:34		ND	ND	ND	ND	ND
15:36		ND	ND	ND	ND	ND
15:38		ND	0.02i	ND	ND	0.02i
15:40		ND	ND	ND	ND	ND
15:42		ND	ND	ND	ND	ND
15:44		ND	ND	ND	ND	ND
15:47		ND	0.02i	ND	ND	0.02i
15:49		ND	ND	ND	ND	ND
15:51		0.16i	0.03	ND	ND	0.19i
15:53		0.17i	0.04i	ND	ND	0.21i
15:55		ND	0.02	ND	ND	0.02
					average:	0.03i

TABLE 10 DATE: October 17, 1985

LOCATION: Oxford Street (opposite Honda dealer)

MET: S winds at 10 to 15 km/hr; 13°C

COMMENTS: Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C14

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
15:57		0.15i	0.03	ND	ND	0.18i
15:59		0.14i	0.03	ND	ND	0.17i
16:01		0.14i	0.04	ND	ND	0.18i
16:04		ND	0.02	ND	ND	0.02
16:06		ND	0.03	ND	ND	0.03
16:08		ND	ND	ND	ND	ND
16:10		ND	ND	ND	ND	ND
16:12		ND	ND	ND	ND	ND
16:14		ND	ND	ND	ND	ND
16:16		ND	0.02i	ND	ND	0.02i
16:18		0.14i	0.04i	ND	ND	0.18i
16:21		ND	0.02i	ND	ND	0.02i
16:23		0.16i	0.03i	ND	ND	0.19i
16:25		ND	0.02i	ND	ND	0.02i
16:27		0.13i	0.02i	ND	ND	0.15i
					Average:	0.08i

TABLE 11 DATE: October 17, 1985

LOCATION: Oxford Street (opposite Honda dealer)

MET: SSE winds at 5 to 15 km/hr; 13°C

COMMENTS: Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C14

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
16:29		ND	0.03	ND	ND	0.03
16:31		ND	0.02	ND	ND	0.02
16:33		ND	0.02i	ND	ND	0.02i
16:35		ND	0.02	ND	ND	0.02
16:38		ND	ND	ND	ND	ND
16:40		ND	ND	ND	ND	ND
16:42		ND	ND	ND	ND	ND
16:44		ND	0.02i	ND	ND	0.02i
16:46		ND	0.02	ND	ND	0.02
16:48		0.15i	0.03	ND	ND	0.18i
16:50		0.13i	0.03	ND	ND	0.16i
16:52		ND	0.02i	ND	ND	0.02i
16:55		ND	ND	ND	ND	ND
16:57		ND	ND	ND	ND	ND
16:59		ND	ND	ND	ND	ND
					Average:	0.03i

TABLE 12 DATE: October 17, 1985

LOCATION: On Excavation Site

MET: SSE winds at 10 to 15 km/hr; 12°C

COMMENTS: On-Site, Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C15

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
17:48		0.19	0.04	ND	ND	0.23
17:50		0.28i	0.06	ND	ND	0.34i
17:52		0.19	0.05	ND	ND	0.24
17:55		0.19	0.05	ND	ND	0.24
17:57		0.25	0.05i	ND	ND	0.30
17:59		0.22i	0.05i	ND	ND	0.27i
18:01		0.19i	0.05i	ND	ND	0.24i
18:03		0.15i	0.04	ND	ND	0.19i
18:05		0.17i	0.04i	ND	ND	0.21i
18:07		ND	0.02	ND	ND	0.02
18:09		0.23i	0.05	ND	ND	0.28i
18:12		0.35i	0.08	ND	ND	0.43i
18:14		0.28i	0.06i	ND	ND	0.34i
18:16		ND	0.03	ND	ND	0.03
18:18		0.15	0.03i	ND	ND	0.18
					Average:	0.24i

TABLE 13 DATE: October 17, 1985

LOCATION: On Excavation Site

MET: SE winds at 10 km/hr; 11°C

COMMENTS: On-Site, Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C16

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
18:28		ND	0.03i	ND	ND	0.03i
18:30		ND	0.04	ND	ND	0.04
18:33		ND	0.02i	ND	ND	0.02i
18:35		ND	0.04	ND	ND	0.04
18:37		ND	ND	ND	ND	ND
18:39		0.13	0.03i	ND	ND	0.16
18:41		ND	0.02i	ND	ND	0.02i
18:43		ND	ND	ND	ND	ND
18:45		ND	0.02	ND	ND	0.02
18:47		0.14i	0.04	ND	ND	0.18i
18:50		ND	0.03i	ND	ND	0.03i
18:52		ND	0.02i	ND	ND	0.02i
18:54		ND	0.02i	ND	ND	0.02i
18:56		0.36i	0.09i	0.03	0.07i	0.55i
18:58		0.25i	0.06i	0.02i	ND	0.33i
					Average:	0.10i

TABLE 14 DATE: October 17, 1985

LOCATION: On Excavation Site

MET: SE winds at 5 to 10 km/hr; 10°C

COMMENTS: On-Site, Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C16

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
19:00		0.18i	0.05i	ND	ND	0.23i
19:02		0.21i	0.05i	ND	ND	0.26i
19:04		0.21i	0.06	ND	ND	0.27i
19:07		ND	0.03	ND	ND	0.03
19:09		ND	0.02i	ND	ND	0.02i
19:11		ND	0.02i	ND	ND	0.02i
19:13		0.15i	0.04	ND	ND	0.19i
19:15		0.15i	0.03i	ND	ND	0.18i
19:17		0.14i	0.04	ND	ND	0.18i
19:19		ND	0.03i	ND	ND	0.03i
19:21		0.14i	0.03i	ND	ND	0.17i
19:24		ND	ND	ND	ND	ND
19:27		0.13i	0.03i	ND	ND	0.16i
19:29		ND	0.03i	ND	ND	0.03i
19:31		ND	0.02i	ND	ND	0.02i
					Average:	0.12i

TABLE 15 DATE: October 17, 1985

LOCATION: On Excavation Site

MET: SE winds at 10 km/hr; 9°C

COMMENTS: On-Site, Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C17

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
19:51		0.14i	0.03i	ND	ND	0.17i
19:53		0.16i	0.04i	ND	ND	0.20i
19:55		0.21i	0.06	0.02i	ND	0.29i
19:58		0.20i	0.05i	ND	ND	0.25i
20:00		0.16i	0.04i	ND	ND	0.20i
20:02		0.14i	0.04	ND	ND	0.18i
20:04		0.19i	0.05i	0.02i	ND	0.26i
20:06		0.14i	0.03i	ND	ND	0.17i
20:08		0.13i	0.04	ND	ND	0.17i
20:10		ND	0.03i	ND	ND	0.03i
20:12		ND	0.03i	ND	ND	0.03i
20:15		ND	0.03i	ND	ND	0.03i
20:17		0.19i	0.05	ND	ND	0.24i
20:19		ND	0.04i	ND	ND	0.04i
20:21		0.19i	0.05	ND	ND	0.24i
					Average:	0.17i

TABLE 16 DATE: October 17, 1985

LOCATION: On Excavation Site

MET: SE winds at 10 to 15 km/hr; 9°C

COMMENTS: On-Site, Excavation of upper 'Lower Walker Drain'

FILE NAME: 170C18

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.11)	TRI (0.01)	TET (0.01)	PEN (0.03)	Total
20:36		0.23i	0.05	0.02	ND	0.30i
20:38		0.27i	0.04i	0.02i	ND	0.33i
20:40		0.14i	0.04	ND	ND	0.18i
20:43		0.13i	0.04	ND	ND	0.17i
20:45		ND	0.02i	ND	ND	0.02i
20:47		ND	0.02	ND	ND	0.02
20:49		ND	0.02i	ND	ND	0.02i
20:51		ND	0.02	ND	ND	0.02
20:53		ND	0.02i	ND	ND	0.02i
20:55		ND	0.02	ND	ND	0.02
20:58		0.15i	0.04i	ND	ND	0.19i
21:00		0.13i	0.03	ND	ND	0.16i
21:02		0.20i	0.04	ND	ND	0.24i
21:04		0.13i	0.03i	ND	ND	0.16i
21:06		0.17i	0.04i	ND	ND	0.21i
					Average:	0.14i

TABLE 17 DATE: October 22, 1985

LOCATION: 108 Culver Crescent

MET: SE winds at 5 to 10 km/hr; 11°C

COMMENTS: Excavation of Lower Walker Drain - RR. Culvert

FILE NAME: 220C21

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.03)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
11:14		ND	ND	ND	ND	ND
11:16		ND	ND	ND	ND	ND
11:18		ND	ND	ND	ND	ND
11:20		ND	ND	ND	ND	ND
11:23		ND	ND	ND	ND	ND
11:25		ND	ND	ND	ND	ND
11:27		ND	ND	ND	ND	ND
11:29		ND	ND	ND	ND	ND
11:31		ND	ND	ND	ND	ND
11:33		ND	ND	ND	ND	ND
11:35		ND	ND	ND	ND	ND
11:37		ND	ND	ND	ND	ND
11:40		ND	ND	ND	ND	ND
11:42		ND	ND	ND	ND	ND
11:44		ND	ND	ND	ND	ND
					Average:	ND

TABLE 18 DATE: October 22, 1985

LOCATION: Opposite 22 Culver Court

MET: SE winds at 0 to 10 km/hr; 13°C

COMMENTS: Excavation of Lower Walker Drain - RR. Culvert

FILE NAME: 220C22

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.03)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
12:38		ND	ND	ND	ND	ND
12:40		ND	ND	ND	ND	ND
12:42		ND	ND	ND	ND	ND
12:44		ND	ND	ND	ND	ND
12:46		ND	ND	ND	ND	ND
12:49		ND	ND	ND	ND	ND
12:51		ND	ND	ND	ND	ND
12:53		ND	ND	ND	ND	ND
12:55		ND	ND	ND	ND	ND
12:57		ND	ND	ND	ND	ND
12:59		ND	ND	ND	ND	ND
13:01		ND	ND	ND	ND	ND
13:03		ND	ND	ND	ND	ND
13:06		ND	ND	ND	ND	ND
13:08		ND	ND	ND	ND	ND
					Average:	ND

TABLE 19 DATE: October 22, 1985

LOCATION: 108 Culver Crescent

MET: SE winds at 5 to 10 km/hr; 12°C

COMMENTS: Excavation of Lower Walker Drain - RR. Culvert

FILE NAME: 220C23

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.03)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
13:44		ND	ND	ND	ND	ND
13:46		ND	ND	ND	ND	ND
13:48		ND	ND	ND	ND	ND
13:50		ND	ND	ND	ND	ND
13:52		ND	ND	ND	ND	ND
13:55		ND	ND	ND	ND	ND
13:57		ND	ND	ND	ND	ND
13:59		ND	ND	ND	ND	ND
14:01		ND	ND	ND	ND	ND
14:03		ND	ND	ND	ND	ND
14:05		ND	ND	ND	ND	ND
14:07		ND	ND	ND	ND	ND
14:09		ND	ND	ND	ND	ND
14:12		ND	ND	ND	ND	ND
14:14		ND	ND	ND	ND	ND
					Average:	ND

TABLE 20 DATE: October 22, 1985

LOCATION: 108 Culver Crescent

MET: SE winds at 5 to 10 km/hr; 12°C

COMMENTS: Excavation of Lower Walker Drain - RR. Culvert

FILE NAME: 220C23

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.03)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
14:16		ND	ND	ND	ND	ND
14:18		ND	ND	ND	ND	ND
14:20		ND	ND	ND	ND	ND
14:22		ND	ND	ND	ND	ND
14:24		ND	ND	ND	ND	ND
14:26		ND	ND	ND	ND	ND
14:29		ND	ND	ND	ND	ND
14:31		ND	ND	ND	ND	ND
14:33		ND	ND	ND	ND	ND
14:35		ND	ND	ND	ND	ND
14:37		ND	ND	ND	ND	ND
14:39		ND	ND	ND	ND	ND
14:41		ND	ND	ND	ND	ND
14:43		ND	ND	ND	ND	ND
14:46		ND	ND	ND	ND	ND
					Average:	ND

TABLE 21 DATE: October 23, 1985

LOCATION: 130 Culver Crescent

MET: SSE winds at 5 to 15 km/hr; 15°C

COMMENTS: Excavation of lower 'Lower Walker Drain'

FILE NAME: 230C26

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.03)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
11:20		0.04i	ND	ND	ND	0.04i
11:22		0.04	ND	ND	ND	0.04
11:24		0.05i	0.02	ND	ND	0.07i
11:26		ND	ND	ND	ND	ND
11:28		0.04i	0.02	ND	ND	0.06i
11:30		0.05i	ND	ND	ND	0.05i
11:32		0.06i	0.02i	ND	ND	0.08i
11:34		ND	ND	ND	ND	ND
11:37		0.05i	0.03	ND	ND	0.08i
11:39		ND	0.02i	ND	ND	0.02i
11:41		ND	0.02i	ND	ND	0.02i
11:43		0.04i	0.02	ND	ND	0.06i
11:45		0.04i	0.02	ND	ND	0.06i
11:47		0.05	0.02	ND	ND	0.07
11:49		0.05i	0.02	ND	ND	0.07i
					Average:	0.05i

TABLE 22 DATE: October 23, 1985

LOCATION: 130 Culver Crescent

MET: S winds at 10 to 15 km/hr; 16°C

COMMENTS: Excavation of lower 'Lower Walker Drain'

FILE NAME: 230C27

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.03)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
11:59		ND	ND	ND	ND	ND
12:01		0.05	0.02i	ND	ND	0.07
12:03		0.04	0.02	ND	ND	0.06
12:05		0.06i	0.02i	ND	ND	0.08i
12:07		0.05	0.02	ND	ND	0.07
12:10		0.07i	0.03i	ND	ND	0.10i
12:12		ND	ND	ND	ND	ND
12:14		0.06i	0.02	ND	ND	0.08i
12:16		ND	0.02	ND	ND	0.02
12:18		ND	0.02	ND	ND	0.02
12:20		ND	ND	ND	ND	ND
12:22		0.05i	0.02	ND	ND	0.07i
12:24		ND	0.02	ND	ND	0.02
12:26		ND	ND	ND	ND	ND
12:29		ND	ND	ND	ND	ND
					Average:	0.04i

TABLE 23 DATE: October 23, 1985

LOCATION: 130 Culver Crescent

MET: S winds at 10 to 20 km/hr; 17°C

COMMENTS: Excavation of lower 'Lower Walker Drain'

FILE NAME: 230C27

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.03)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
12:31		ND	ND	ND	ND	ND
12:33		ND	0.02i	ND	ND	0.02i
12:35		ND	0.02	ND	ND	0.02
12:37		ND	ND	ND	ND	ND
12:39		0.06i	0.03	ND	ND	0.09i
12:41		ND	ND	ND	ND	ND
12:43		ND	0.02i	ND	ND	0.02i
12:46		ND	0.02	ND	ND	0.02
12:48		ND	0.02i	ND	ND	0.02i
12:50		ND	0.02i	ND	ND	0.02i
12:52		ND	0.02	ND	ND	0.02
12:54		ND	ND	ND	ND	ND
12:56		0.04	0.02i	ND	ND	0.06i
12:58		ND	ND	ND	ND	ND
13:01		0.07i	0.02i	ND	ND	0.09i
					Average:	0.03i

TABLE 24 DATE: October 23, 1985

LOCATION: 130 Culver Crescent

MET: SSE winds at 15 to 25 km/hr; 19°C

COMMENTS: Excavation of lower 'Lower Walker Drain'

FILE NAME: 230C28

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.03)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
16:57		ND	ND	ND	ND	ND
16:59		ND	ND	ND	ND	ND
17:01		ND	ND	ND	ND	ND
17:03		ND	ND	ND	ND	ND
17:05		ND	ND	ND	ND	ND
17:07		ND	ND	ND	ND	ND
17:09		ND	ND	ND	ND	ND
17:11		ND	ND	ND	ND	ND
17:14		ND	ND	ND	ND	ND
17:16		ND	ND	ND	ND	ND
17:18		ND	ND	ND	ND	ND
17:20		ND	ND	ND	ND	ND
17:22		ND	ND	ND	ND	ND
17:24		ND	ND	ND	ND	ND
17:26		ND	ND	ND	ND	ND
					Average:	ND

TABLE 25 DATE: October 23, 1985

LOCATION: 130 Culver Crescent

MET: SSE winds at 5 to 10 km/hr; 18°C

COMMENTS: Excavation of lower 'Lower Walker Drain'

FILE NAME: 230C29

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.03)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
17:41		ND	ND	0.02	ND	0.02
17:43		ND	ND	ND	ND	ND
17:45		ND	ND	ND	ND	ND
17:48		ND	ND	ND	ND	ND
17:50		ND	ND	ND	ND	ND
17:52		ND	ND	ND	ND	ND
17:54		ND	ND	ND	ND	ND
17:56		ND	ND	ND	ND	ND
17:58		ND	ND	ND	ND	ND
18:00		ND	ND	ND	ND	ND
18:02		ND	ND	ND	ND	ND
18:05		ND	ND	ND	ND	ND
18:07		ND	ND	ND	ND	ND
18:09		ND	ND	ND	ND	ND
18:11		ND	ND	ND	ND	ND
					Average:	ND

TABLE 26 DATE: October 23, 1985

LOCATION: Rear P.L. of Industrial Plaza on 3rd Street

MET: ESE winds at 5 to 10 km/hr; 14°C

COMMENTS: Excavation of lower 'Lower Walker Drain'

FILE NAME: 230C31

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.03)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
19:52		ND	ND	ND	ND	ND
19:54		ND	ND	ND	ND	ND
19:57		ND	ND	ND	ND	ND
19:59		ND	ND	ND	ND	ND
20:01		ND	ND	ND	ND	ND
20:03		ND	ND	ND	ND	ND
20:05		ND	ND	ND	ND	ND
20:07		ND	ND	ND	ND	ND
20:09		ND	ND	ND	ND	ND
20:11		ND	ND	ND	ND	ND
20:14		ND	ND	ND	ND	ND
20:16		ND	ND	ND	ND	ND
20:18		ND	ND	ND	ND	ND
20:20		ND	ND	ND	ND	ND
20:22		ND	ND	ND	ND	ND
					Average:	ND

TABLE 27 DATE: October 25, 1985

LOCATION: 1734 Culver Drive

MET: WNW winds at 10 to 20 km/hr; 15°C

COMMENTS: Excavation of lower 'Lower Walker Drain'

FILE NAME: 250C34

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.04)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
12:02		ND	ND	ND	ND	ND
12:05		ND	ND	ND	ND	ND
12:07		0.17	0.03	ND	ND	0.20
12:09		0.17i	0.04	ND	ND	0.21i
12:11		ND	ND	ND	ND	ND
12:13		ND	ND	ND	ND	ND
12:15		0.14	0.03	ND	ND	0.17
12:17		ND	ND	ND	ND	ND
12:19		0.31	0.05i	ND	ND	0.36
12:22		0.24	0.04	ND	ND	0.28
12:24		0.09	0.02	ND	ND	0.11
12:26		ND	ND	ND	ND	ND
12:28		0.11i	0.02i	ND	ND	0.13i
12:30		ND	0.02i	ND	ND	0.02i
12:32		0.13i	ND	ND	ND	0.13i
					Average:	0.11i

TABLE 28 DATE: October 25, 1985

LOCATION: 1734 Culver Drive

MET: WNW winds at 10 to 25 km/hr; 15°C

COMMENTS: Excavation of lower 'Lower Walker Drain'

FILE NAME: 250C35

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.04)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
12:34		ND	ND	ND	ND	ND
12:36		ND	ND	ND	ND	ND
12:39		0.12i	0.02i	ND	ND	0.14i
12:41		0.22	0.04i	ND	ND	0.26
12:43		ND	ND	ND	ND	ND
12:45		ND	ND	ND	ND	ND
12:47		0.05	ND	ND	ND	0.05
12:49		0.26	0.05	ND	ND	0.31
12:51		0.14i	0.03	ND	ND	0.17i
12:53		0.19i	0.04	ND	ND	0.23i
12:56		0.13	0.03	ND	ND	0.16
12:58		0.27	0.04	ND	ND	0.31
13:00		0.16	0.04i	ND	ND	0.20
13:02		0.16i	0.04	ND	ND	0.20i
13:04		0.06i	ND	ND	ND	0.06i
					Average:	0.14i

TABLE 29 DATE: October 25, 1985

LOCATION: 1734 Culver Drive

MET: W winds at 10 to 20 km/hr; 16°C

COMMENTS: Monitored for mono in place of penta

FILE NAME: 250C36

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.04)	TRI (0.01)	TET (0.01)	MON (0.02)	Total
13:32		0.19	0.04	0.02	ND	0.25
13:34		0.18i	0.04i	ND	0.09i	0.31i
13:36		0.22	0.05	ND	ND	0.27
13:38		0.23	0.06	ND	ND	0.29
13:40		0.10	0.03	ND	ND	0.13
13:43		ND	0.02	ND	ND	0.02
13:45		0.21	0.03i	ND	ND	0.24
13:47		0.21i	0.05	ND	ND	0.26i
13:49		0.36i	0.07i	ND	ND	0.43i
13:51		0.22	0.05	ND	ND	0.27
13:53		0.13i	0.04	ND	ND	0.17i
13:55		0.11i	0.03	ND	ND	0.14i
13:57		0.17	0.03	ND	ND	0.20
14:00		0.30	0.06	ND	ND	0.36
14:02		0.39i	0.06i	ND	ND	0.45i
					Average:	0.25i

TABLE 30 DATE: October 25, 1985

LOCATION: 1734 Culver Drive

MET: W winds at 20 km/hr; 16°C

COMMENTS: Monitored for mono in place of penta

FILE NAME: 250C37

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.04)	TRI (0.01)	TET (0.01)	MON (0.02)	Total
14:04		0.13i	0.04i	ND	ND	0.17i
14:06		0.24	0.06	ND	ND	0.30
14:08		0.23i	0.06i	ND	ND	0.29i
14:10		0.21i	0.05i	ND	ND	0.26i
14:12		0.19	0.04	ND	ND	0.23
14:14		0.11	0.03	ND	ND	0.14
14:17		0.10	0.02i	ND	ND	0.12
14:19		0.27	0.04i	ND	0.12i	0.43i
14:21		0.36	0.07	ND	0.09i	0.52
14:23		0.14i	0.04i	ND	ND	0.18i
14:25		0.08	0.02i	ND	ND	0.10
14:27		0.10i	0.02	ND	ND	0.12i
14:29		0.35	0.07i	ND	0.09i	0.51i
14:31		0.39i	0.07	ND	0.11i	0.57i
14:34		0.13	0.04	ND	ND	0.17
					Average:	0.27i

TABLE 31 DATE: October 25, 1985

LOCATION: 1734 Culver Drive

MET: W winds at 20 to 30 km/hr; 17°C

COMMENTS: Monitored for mono in place of penta

FILE NAME: 250C38

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.04)	TRI (0.01)	TET (0.01)	MON (0.02)	Total
14:36		0.21i	0.04i	ND	ND	0.25i
14:38		0.19i	0.05i	ND	ND	0.24i
14:40		0.11i	0.03i	ND	ND	0.14i
14:42		0.07i	0.02	ND	ND	0.09i
14:44		ND	ND	ND	ND	ND
14:46		0.06i	0.02	ND	ND	0.08i
14:48		ND	ND	ND	ND	ND
14:51		0.15	0.03i	ND	ND	0.18
14:53		0.22i	0.05i	ND	ND	0.27i
14:55		0.18	0.04i	ND	ND	0.22
14:57		0.32	0.06	ND	ND	0.38
14:59		0.13i	0.04	ND	ND	0.17i
15:01		0.12	0.02	ND	ND	0.14
15:03		0.18i	0.04i	ND	0.07i	0.29i
15:05		0.19i	0.05i	ND	ND	0.24i
					Average:	0.18i

TABLE 32 DATE: October 25, 1985

LOCATION: 1734 Culver Drive

MET: W winds at 20 to 30 km/hr; 16°C

COMMENTS: Excavation of lower 'Lower Walker Drain'

FILE NAME: 250C39

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.04)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
15:18		ND	ND	0.02	ND	0.02
15:20		ND	0.02	ND	ND	0.02
15:22		ND	ND	ND	ND	ND
15:25		0.10i	0.02i	ND	ND	0.12i
15:27		0.12i	ND	ND	ND	0.12i
15:29		0.14	0.03i	ND	ND	0.17
15:31		0.16	0.04	ND	ND	0.20
15:33		0.14i	0.04	ND	ND	0.18i
15:35		0.18	0.04	ND	ND	0.22
15:37		0.09	0.02i	ND	ND	0.11
15:39		0.05	0.02i	ND	ND	0.07
15:42		0.08	0.02	ND	ND	0.10
15:44		0.05	ND	ND	ND	0.05
15:46		ND	ND	ND	ND	ND
15:48		ND	ND	ND	ND	ND
					Average:	0.09i

TABLE 33 DATE: October 25, 1985

LOCATION: 1755 Culver Crescent

MET: WNW winds at 10 to 25 km/hr; 16°C

COMMENTS: Excavation of lower 'Lower Walker Drain'

FILE NAME: 250C40

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.04)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
16:47		ND	ND	ND	ND	ND
16:49		ND	ND	ND	ND	ND
16:51		ND	ND	ND	ND	ND
16:53		ND	ND	ND	ND	ND
16:55		ND	ND	ND	ND	ND
16:57		ND	ND	ND	ND	ND
17:00		ND	ND	ND	ND	ND
17:02		ND	ND	ND	ND	ND
17:04		ND	ND	ND	ND	ND
17:06		ND	ND	ND	ND	ND
17:08		ND	ND	ND	ND	ND
17:10		ND	ND	ND	ND	ND
17:12		ND	ND	ND	ND	ND
17:14		ND	ND	ND	ND	ND
17:17		ND	ND	ND	ND	ND
					Average:	ND

TABLE 34 DATE: October 25, 1985

LOCATION: 320 Culver Place

MET: WNW winds at 10 to 20 km/hr; 14°C

COMMENTS: Excavation of lower 'Lower Walker Drain'

FILE NAME: 250C41

PCB CONCENTRATION (ug/m^3)

Time	Congener (DL)	DI (0.04)	TRI (0.01)	TET (0.01)	PEN (0.01)	Total
17:35		ND	ND	ND	ND	ND
17:38		ND	ND	ND	ND	ND
17:40		ND	ND	ND	ND	ND
17:42		ND	ND	ND	ND	ND
17:44		ND	ND	ND	ND	ND
17:46		ND	ND	ND	ND	ND
17:48		ND	ND	ND	ND	ND
17:50		ND	ND	ND	ND	ND
17:52		ND	ND	ND	ND	ND
17:54		ND	ND	ND	ND	ND
17:57		ND	ND	ND	ND	ND
17:59		ND	ND	ND	ND	ND
18:01		ND	ND	ND	ND	ND
18:03		ND	ND	ND	ND	ND
18:05		ND	ND	ND	ND	ND
					Average:	ND

APPENDIX 2

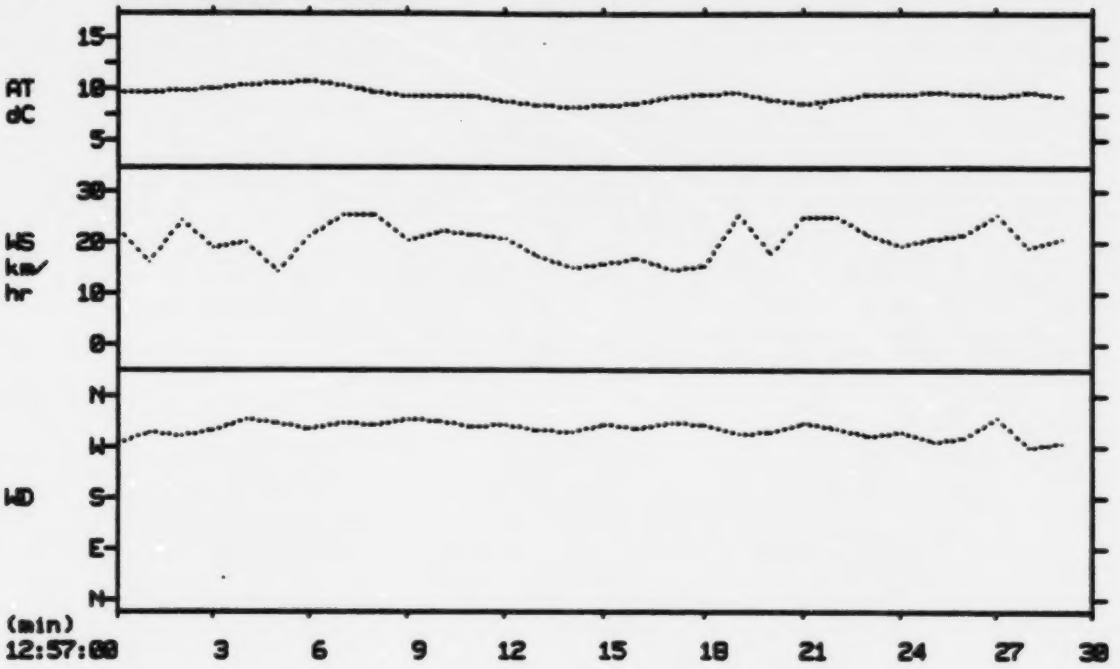
TAGA PCB SURVEY - LOWER WALKER DRAIN (LONDON)
METEOROLOGICAL DATA
MOBILE TAGA STATION

1. Time scale is expressed as accumulated time (minutes) from the specified start time.

2. Data pertains to all monitoring locations.

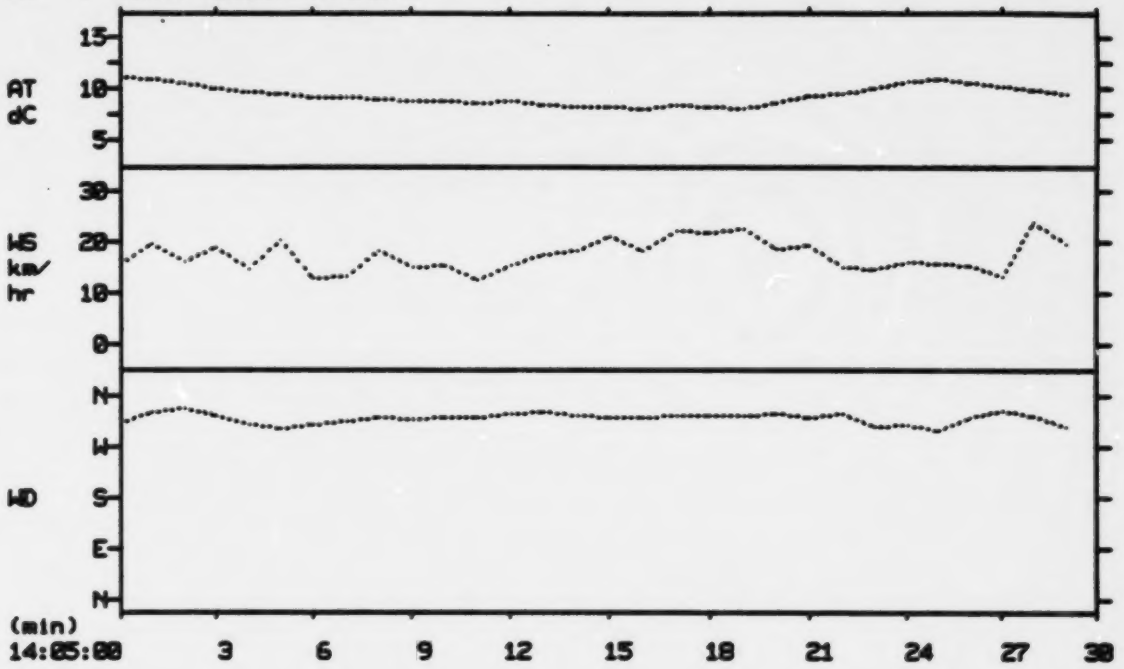
LONDON:CULVER DR.

Start: 85/10/16 12:43:00 File: PB1605.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : 1736 CULVER DR.
Met : PARTLY CLOUDY & WINDY



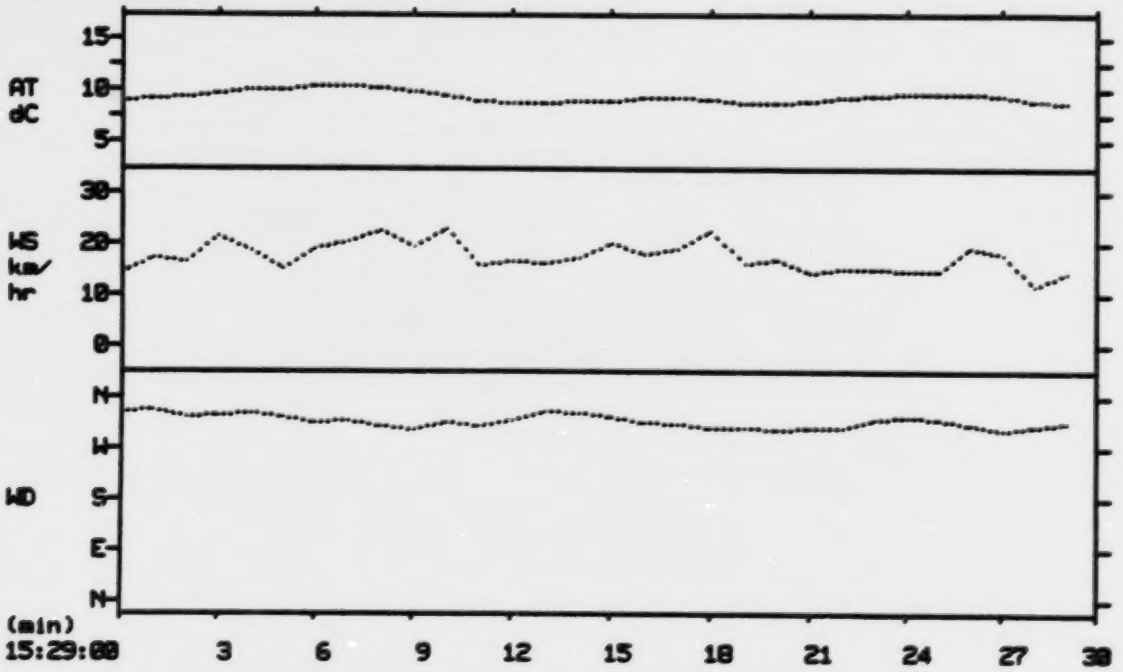
LONDON:CULVER CR.

Start: 85/10/16 13:53:30 File: PB1606.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : 124 CULVER CR.
Met : PARTLY CLOUDY & WINDY



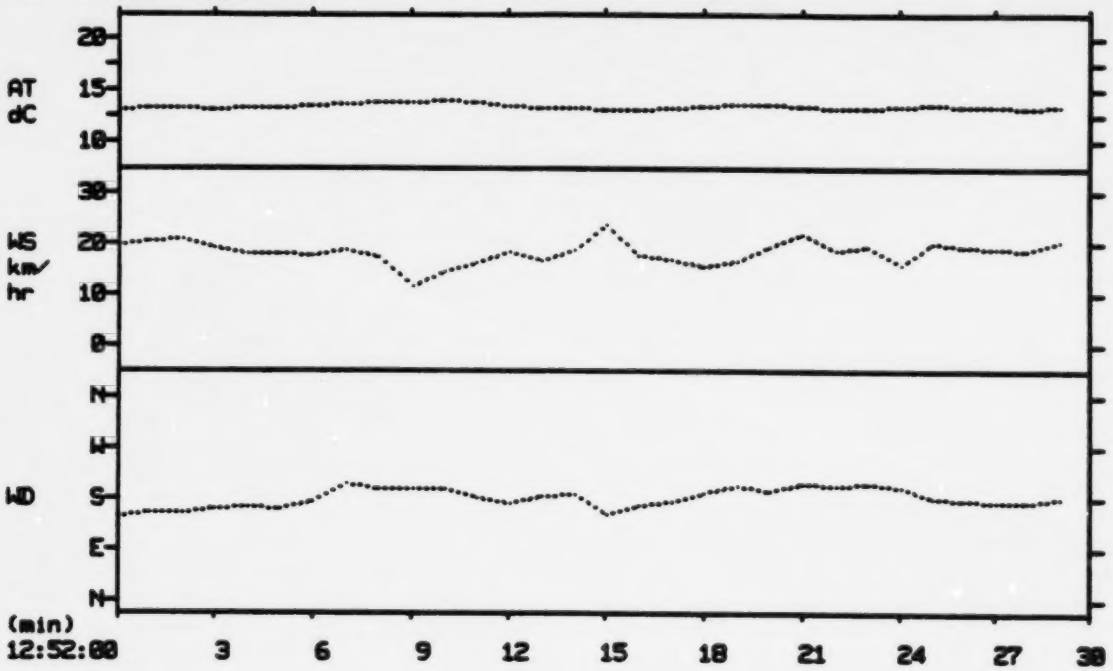
LONDON:CULVER CT.

Start: 85/10/16 15:19:30 File: PB1607.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : 46 CULVER CT.
Met : OVERCAST



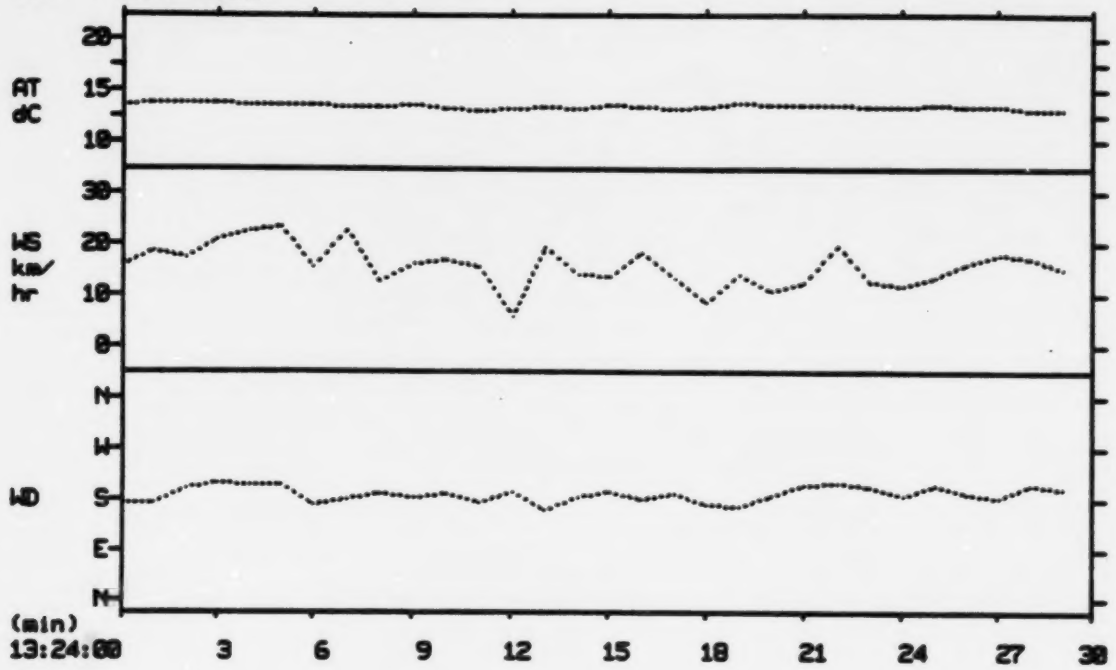
LONDON:OXFORD

Start: 85/10/17 12:45:00 File: PB1712.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : OXFORD OPP. WESTERN COLOUR FILM SERVICE LTD.
Met : PARTLY SUNNY



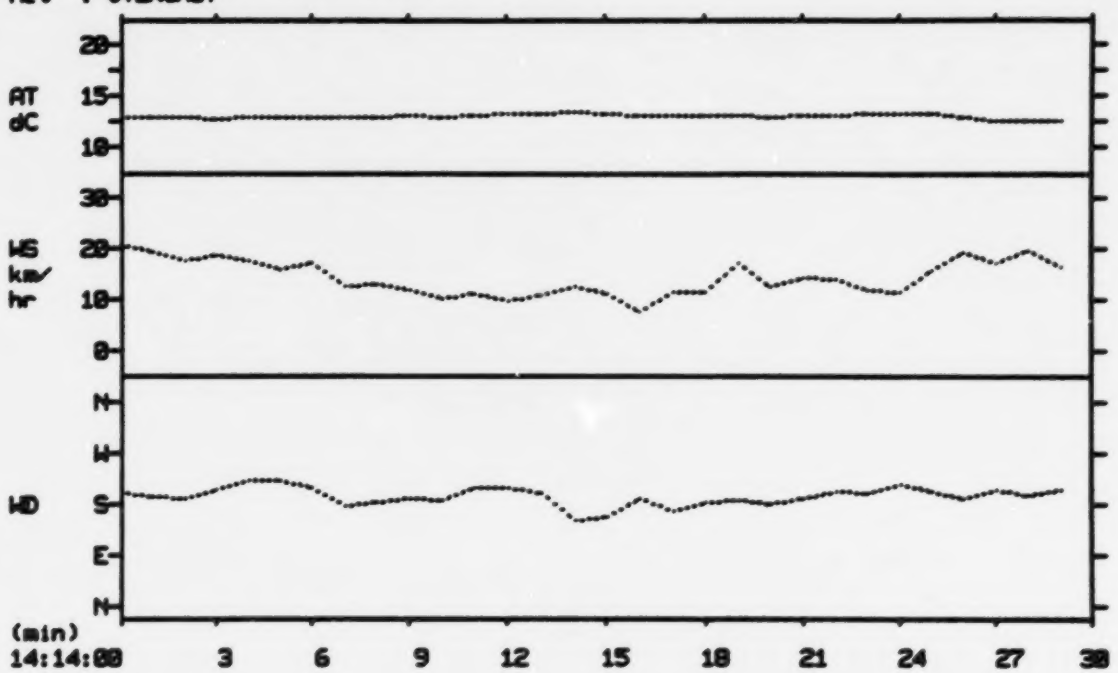
LONDON:OXFORD

Start: 85/10/17 12:45:00 File: PB1712.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : OXFORD OPP. WESTERN COLOUR FILM SERVICE LTD.
Met : PARTLY SUNNY



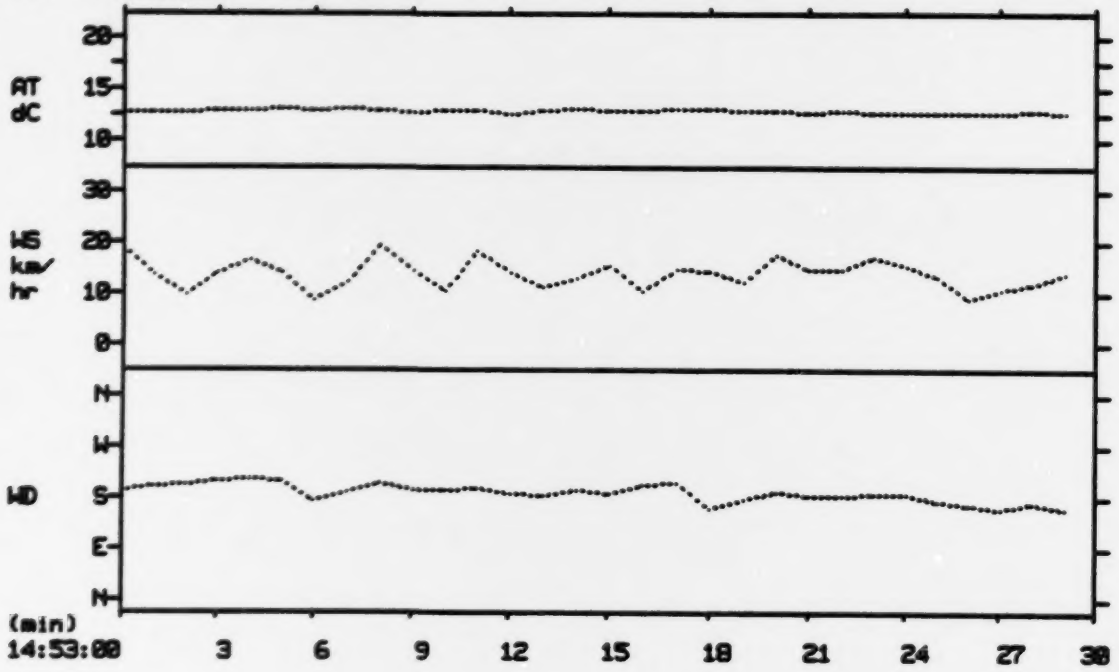
LONDON:OXFORD

Start: 85/10/17 14:01:30 File: PB1713.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : OXFORD OPP. HONDA DEALER
Met : OVERCAST



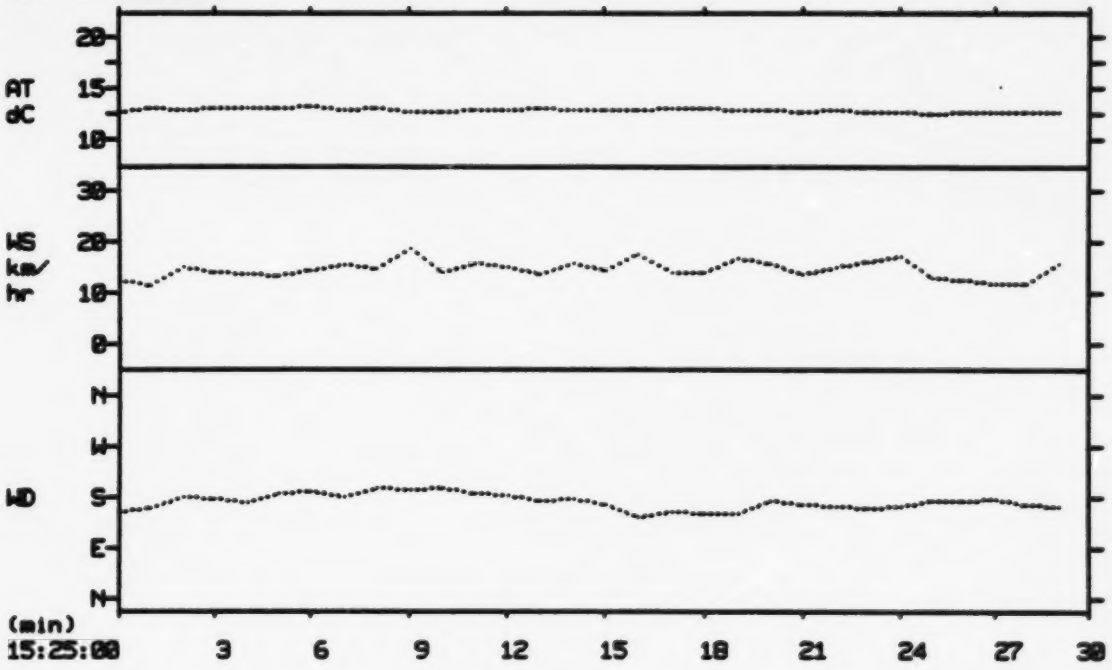
LONDON:OXFORD

Start: 85/10/17 14:01:30 File: PB1713.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : OXFORD OPP. HONDA DEALER
Met : OVERCAST



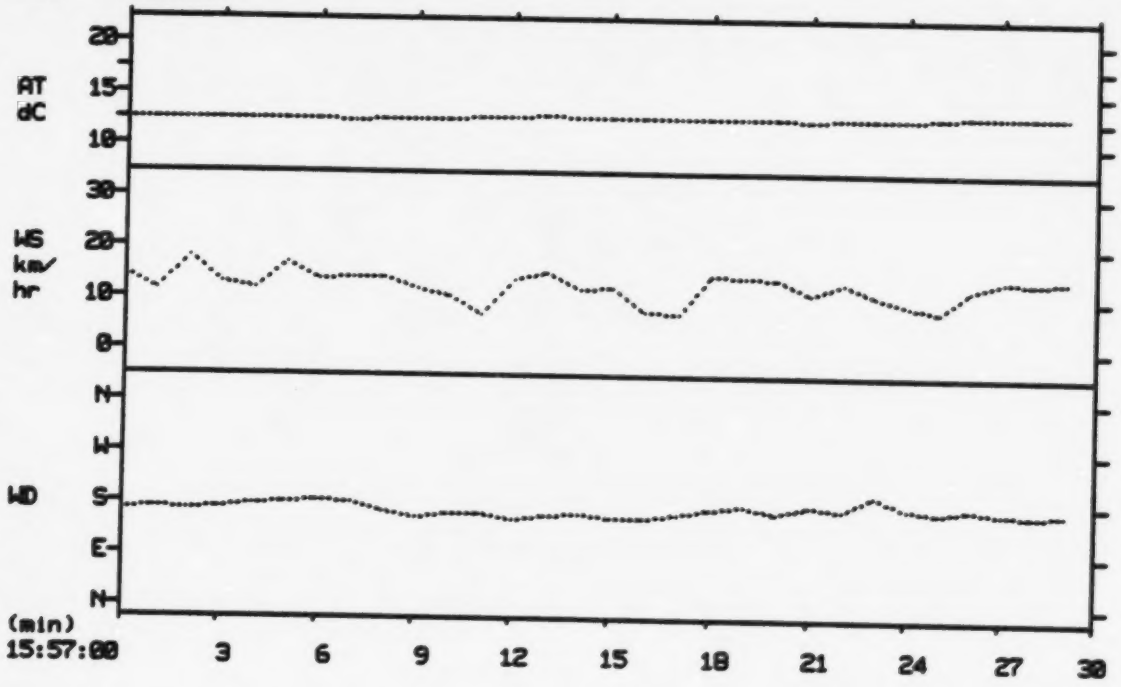
LONDON:OXFORD

Start: 85/10/17 14:01:30 File: PB1713.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : OXFORD OPP. HONDA DEALER
Met : OVERCAST



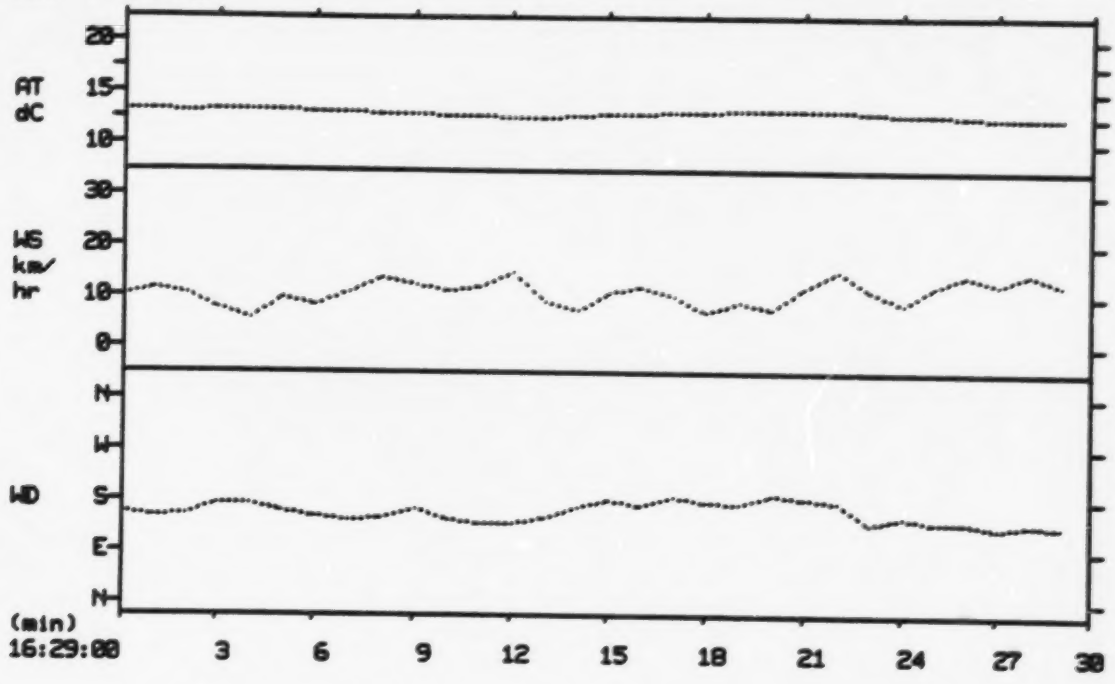
LONDON:OXFORD

Start: 85/10/17 14:01:30 File: PB1713.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : OXFORD OPP. HONDA DEALER
Met : OVERCAST



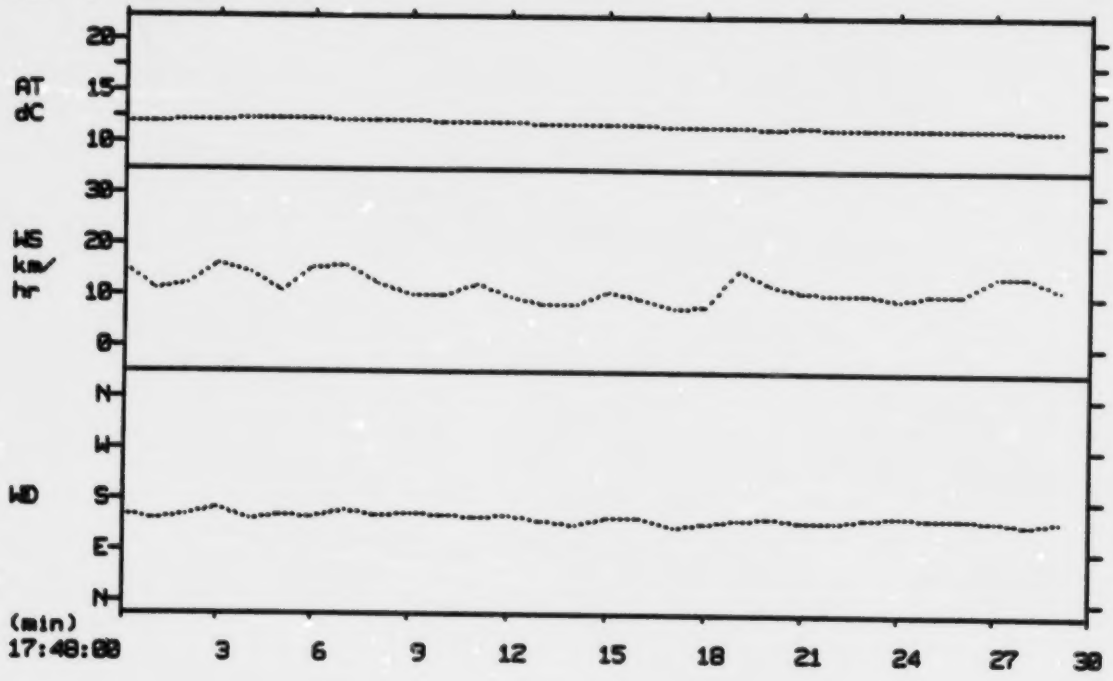
LONDON:OXFORD

Start: 85/10/17 14:01:30 File: PB1713.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : OXFORD OPP. HONDA DEALER
Met : OVERCAST



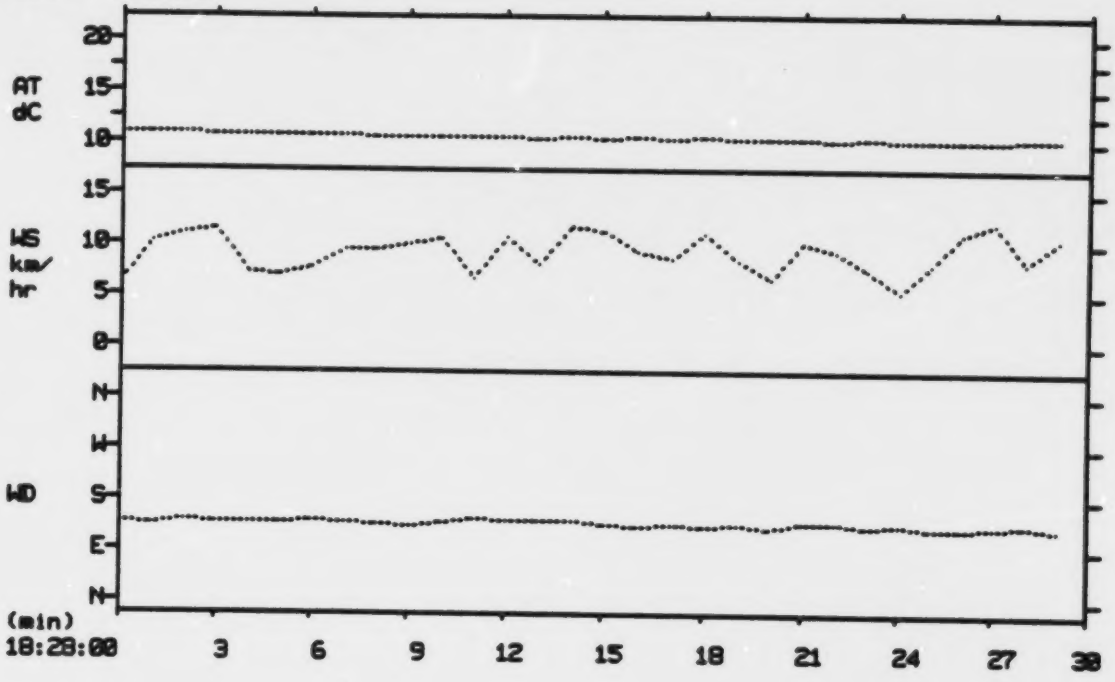
LONDON:EXCAVATION SITE

Start: 85/10/17 17:41:00 File: PB1715.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : INSIDE EXCAVATION SITE TRUCK ENTRANCE
Met : OVERCAST



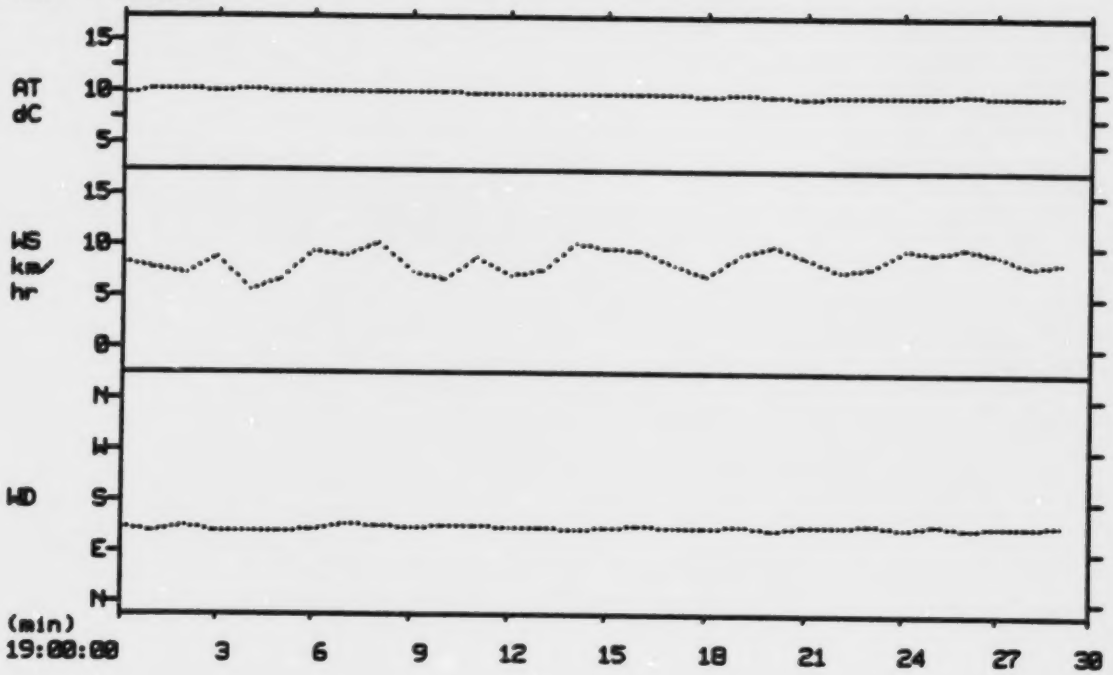
LONDON:EXCAVATION SITE

Start: 85/10/17 17:41:00 File: PB1715.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : INSIDE EXCAVATION SITE TRUCK ENTRANCE
Met : OVERCAST



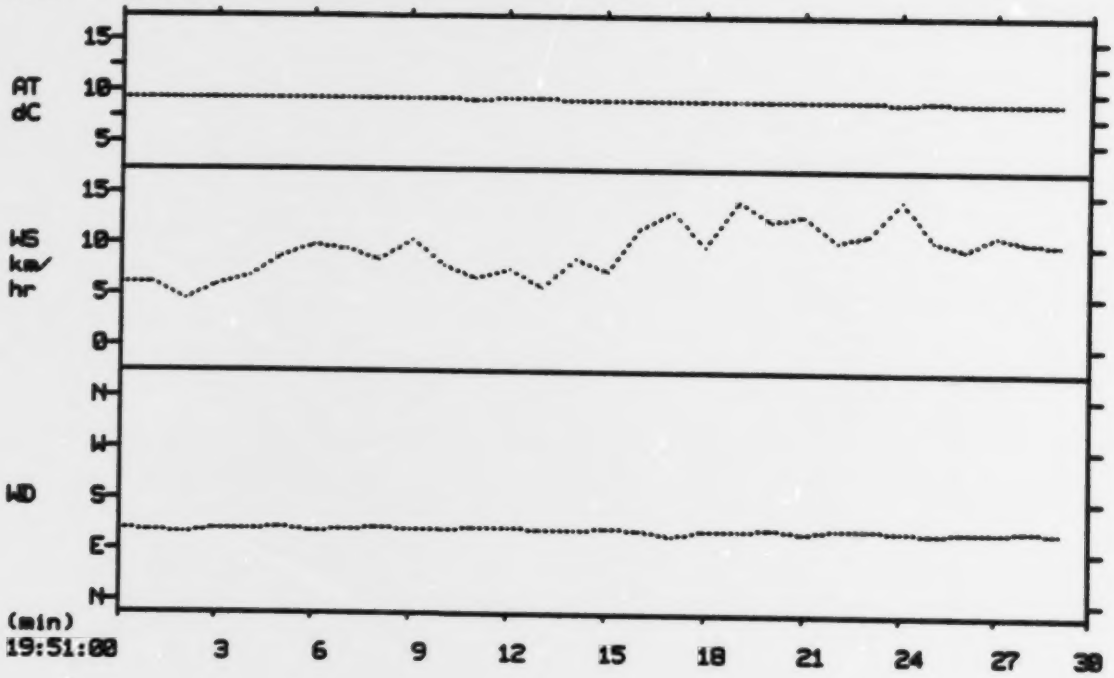
LONDON:EXCAVATION SITE

Start: 85/10/17 17:41:00 File: PB1715.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : INSIDE EXCAVATION SITE TRUCK ENTRANCE
Met : OVERCAST



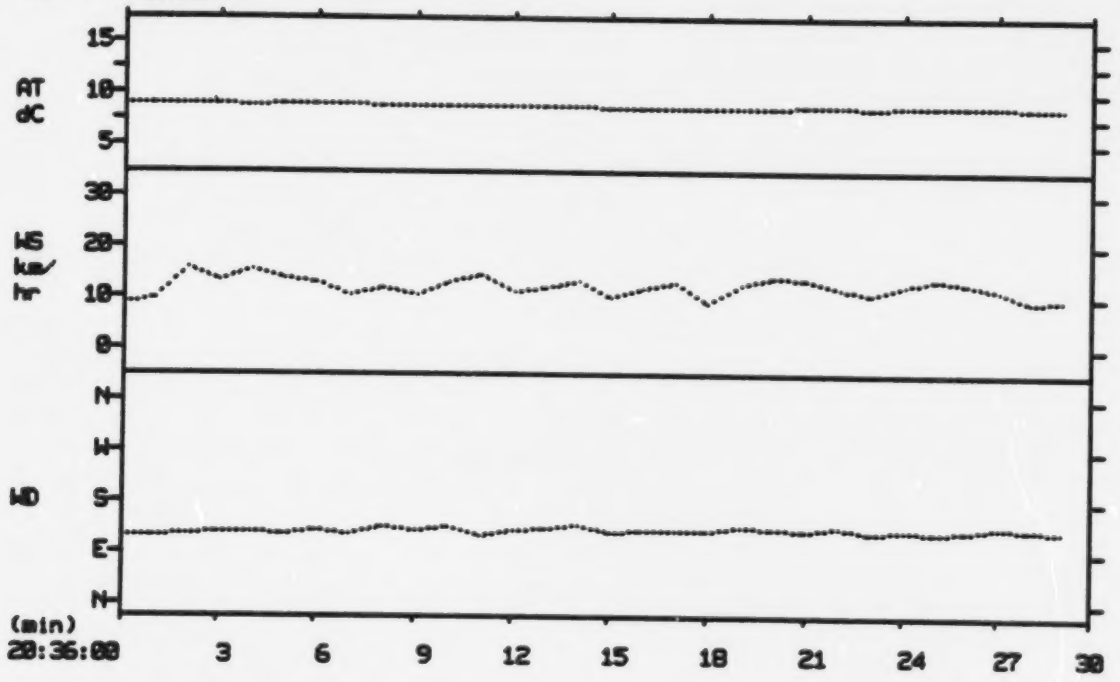
LONDON:EXCAVATION SITE

Start: 85/10/17 17:41:00 File: PB1715.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : INSIDE EXCAVATION SITE TRUCK ENTRANCE
Met : OVERCAST



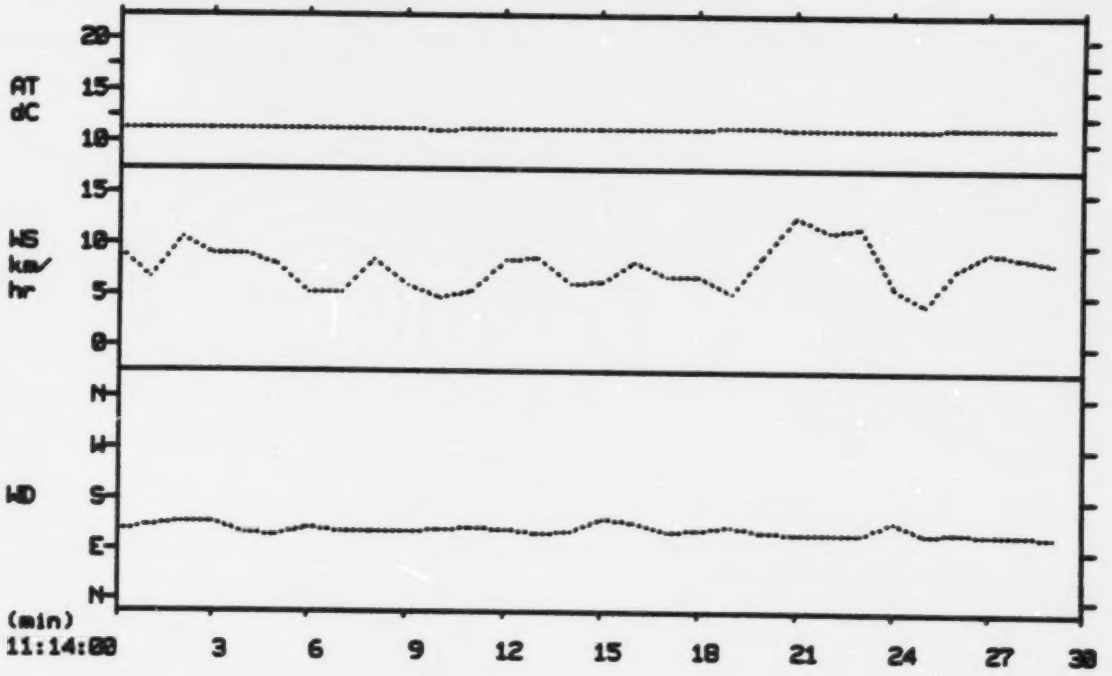
LONDON:EXCAVATION SITE

Start: 85/10/17 17:41:00 File: PB1715.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : INSIDE EXCAVATION SITE TRUCK ENTRANCE
Met : OVERCAST



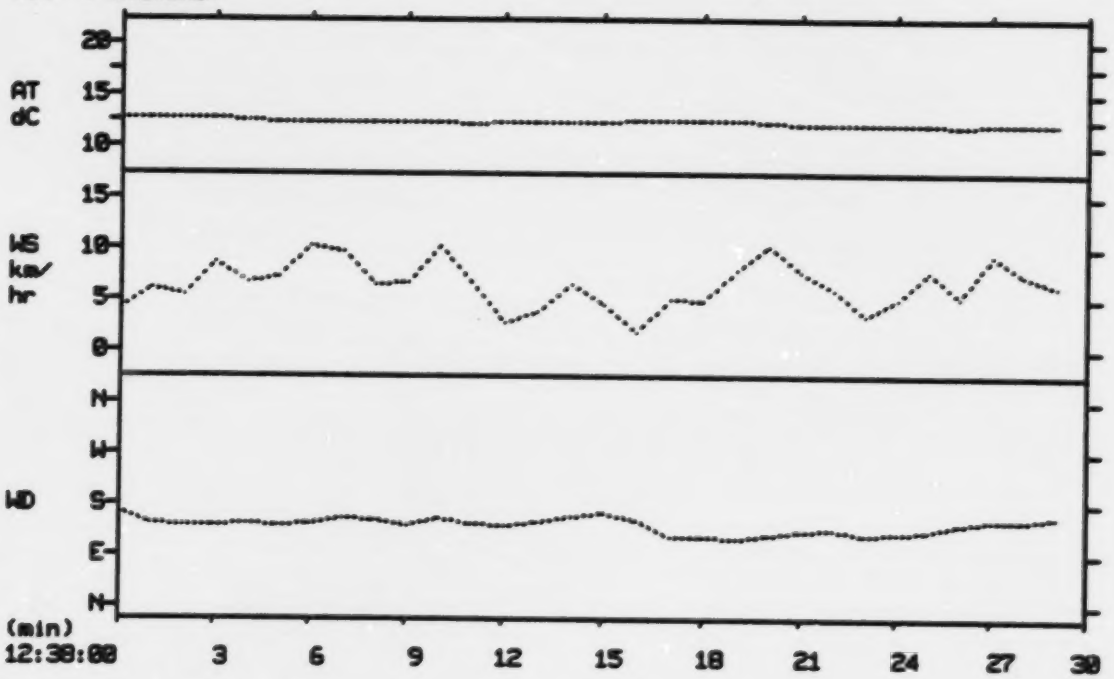
LONDON:CULVER CR.

Start: 85/10/22 10:58:00 File: PB2221.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : 100 CULVER CR.
Met : OVERCAST



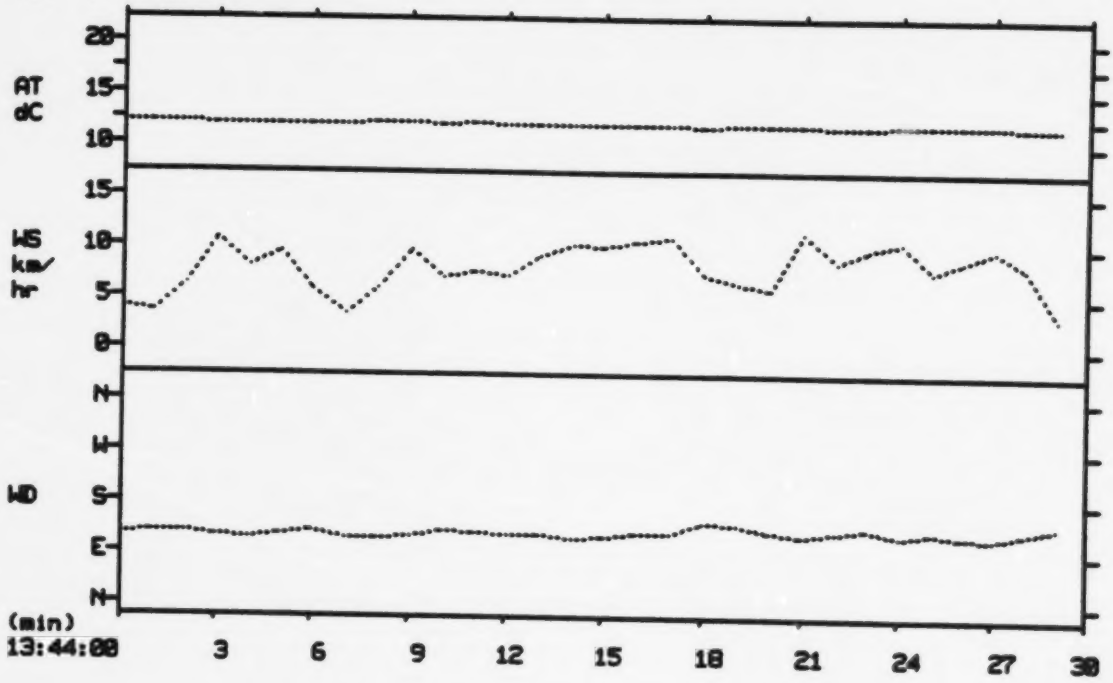
LONDON:CULVER CT.

Start: 85/10/22 12:29:00 File: PB2222.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : OPP. 22 CULVER CT.
Met : OVERCAST



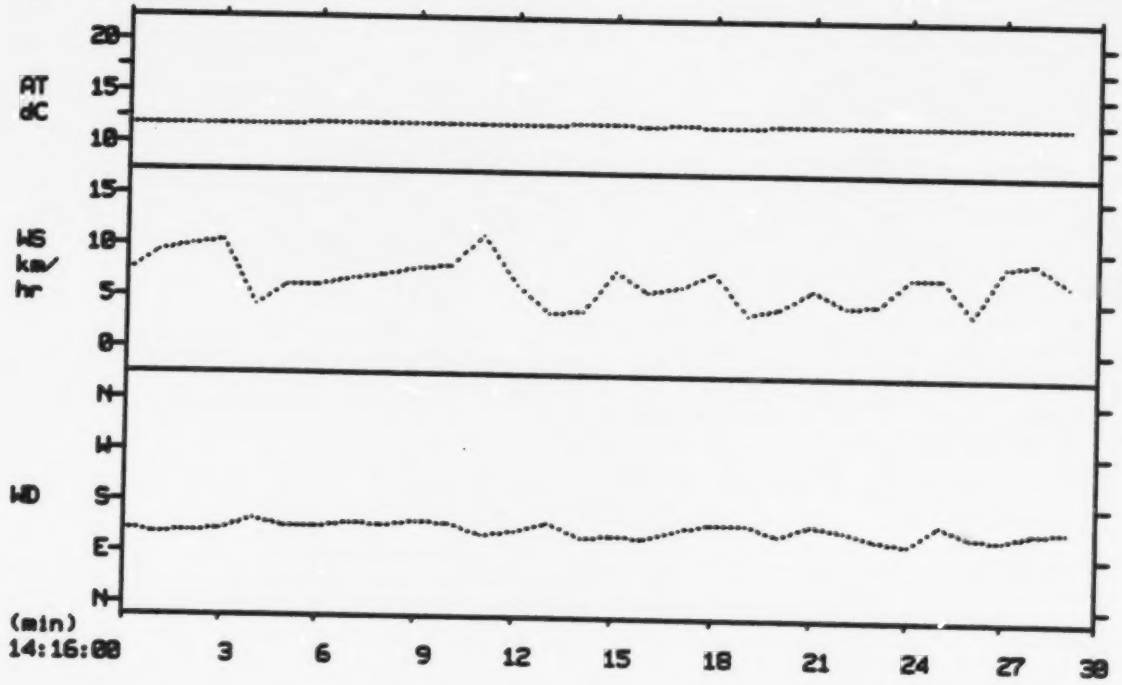
LONDON:CULVER CR.

Start: 85/10/22 13:37:00 File: PB2223.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : 100 CULVER CR. SAME AS SITE #14
Met : OVERCAST



LONDON:CULVER CR.

Start: 85/10/22 13:37:00 File: PB2223.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : 100 CULVER CR. SAME AS SITE #14
Met : OVERCAST



LONDON:CULVER CR.

File : FB2326.MET
Start: 85/10/23 11:10:00 Scan: 30 sec.
Loc : 130 CULVER CR.
Met : OVERCAST

Seq:	1.	11:10:00	N:	30	Tem:	14.4	WS:	13.7	WD:	147.
Seq:	2.	11:10:30	N:	30	Tem:	14.6	WS:	13.8	WD:	157.
Seq:	3.	11:11:00	N:	29	Tem:	14.5	WS:	12.0	WD:	159.
Seq:	4.	11:11:30	N:	30	Tem:	14.0	WS:	12.0	WD:	141.
Seq:	5.	11:12:00	N:	30	Tem:	14.5	WS:	12.8	WD:	146.
Seq:	6.	11:12:30	N:	30	Tem:	14.7	WS:	14.2	WD:	133.
Seq:	7.	11:13:00	N:	30	Tem:	14.6	WS:	13.1	WD:	137.
Seq:	8.	11:13:30	N:	30	Tem:	14.6	WS:	12.4	WD:	142.
Seq:	9.	11:14:00	N:	30	Tem:	14.5	WS:	14.5	WD:	153.
Seq:	10.	11:14:30	N:	30	Tem:	14.6	WS:	10.0	WD:	130.
Seq:	11.	11:15:00	N:	30	Tem:	14.7	WS:	8.8	WD:	164.
Seq:	12.	11:15:30	N:	30	Tem:	14.6	WS:	9.9	WD:	172.
Seq:	13.	11:16:00	N:	30	Tem:	14.7	WS:	9.9	WD:	171.
Seq:	14.	11:16:30	N:	30	Tem:	14.7	WS:	9.0	WD:	165.
Seq:	15.	11:17:00	N:	29	Tem:	14.7	WS:	7.2	WD:	163.
Seq:	16.	11:17:30	N:	30	Tem:	14.7	WS:	12.7	WD:	160.
Seq:	17.	11:18:00	N:	30	Tem:	14.8	WS:	14.0	WD:	144.
Seq:	18.	11:18:30	N:	30	Tem:	14.7	WS:	14.9	WD:	144.
Seq:	19.	11:19:00	N:	30	Tem:	14.6	WS:	14.8	WD:	157.
Seq:	20.	11:19:30	N:	30	Tem:	15.0	WS:	12.6	WD:	167.
Seq:	21.	11:20:00	N:	30	Tem:	14.6	WS:	12.4	WD:	166.
Seq:	22.	11:20:30	N:	30	Tem:	14.8	WS:	12.7	WD:	153.
Seq:	23.	11:21:00	N:	30	Tem:	14.7	WS:	9.4	WD:	158.
Seq:	24.	11:21:30	N:	29	Tem:	14.7	WS:	6.1	WD:	161.
Seq:	25.	11:22:00	N:	30	Tem:	14.7	WS:	8.0	WD:	156.
Seq:	26.	11:22:30	N:	30	Tem:	14.8	WS:	12.0	WD:	178.
Seq:	27.	11:23:00	N:	30	Tem:	14.8	WS:	7.8	WD:	147.
Seq:	28.	11:23:30	N:	30	Tem:	14.8	WS:	10.0	WD:	145.
Seq:	29.	11:24:00	N:	30	Tem:	15.0	WS:	12.5	WD:	154.
Seq:	30.	11:24:30	N:	29	Tem:	14.9	WS:	11.4	WD:	164.
Seq:	31.	11:25:00	N:	30	Tem:	14.9	WS:	10.3	WD:	176.
Seq:	32.	11:25:30	N:	30	Tem:	14.9	WS:	8.3	WD:	147.
Seq:	33.	11:26:00	N:	30	Tem:	14.9	WS:	5.4	WD:	154.
Seq:	34.	11:26:30	N:	30	Tem:	15.0	WS:	11.4	WD:	148
Seq:	35.	11:27:00	N:	30	Tem:	14.9	WS:	11.3	WD:	166.
Seq:	36.	11:27:30	N:	30	Tem:	15.0	WS:	7.3	WD:	156.
Seq:	37.	11:28:00	N:	30	Tem:	14.8	WS:	9.2	WD:	170.
Seq:	38.	11:28:30	N:	30	Tem:	15.0	WS:	7.6	WD:	164.
Seq:	39.	11:29:00	N:	30	Tem:	14.8	WS:	9.3	WD:	153.
Seq:	40.	11:29:30	N:	30	Tem:	14.9	WS:	7.8	WD:	162.
Seq:	41.	11:30:00	N:	29	Tem:	14.9	WS:	6.6	WD:	178.
Seq:	42.	11:30:30	N:	30	Tem:	15.0	WS:	8.5	WD:	164.
Seq:	43.	11:31:00	N:	30	Tem:	14.9	WS:	10.4	WD:	145.
Seq:	44.	11:31:30	N:	30	Tem:	15.0	WS:	12.3	WD:	146.
Seq:	45.	11:32:00	N:	30	Tem:	14.9	WS:	9.0	WD:	175.
Seq:	46.	11:32:30	N:	30	Tem:	14.8	WS:	6.3	WD:	158.
Seq:	47.	11:33:00	N:	30	Tem:	14.9	WS:	10.4	WD:	139.
Seq:	48.	11:33:30	N:	30	Tem:	14.9	WS:	13.5	WD:	142.
Seq:	49.	11:34:00	N:	30	Tem:	15.0	WS:	13.4	WD:	149.
Seq:	50.	11:34:30	N:	29	Tem:	14.8	WS:	14.7	WD:	143.
Seq:	51.	11:35:00	N:	30	Tem:	14.8	WS:	9.0	WD:	167.
Seq:	52.	11:35:30	N:	30	Tem:	14.9	WS:	7.1	WD:	169.
Seq:	53.	11:36:00	N:	30	Tem:	14.8	WS:	10.0	WD:	161.
Seq:	54.	11:36:30	N:	30	Tem:	14.9	WS:	9.7	WD:	165.
Seq:	55.	11:37:00	N:	30	Tem:	14.8	WS:	9.7	WD:	161.
Seq:	56.	11:37:30	N:	30	Tem:	14.8	WS:	13.4	WD:	135.
Seq:	57.	11:38:00	N:	30	Tem:	14.8	WS:	15.4	WD:	146.

```
Seq:    59. 11:39:00 N: 30 Tem:  14.9 WS:   8.5 WD:  15.
Seq:    60. 11:39:30 N: 30 Tem:  14.7 WS:  10.7 WD:  161.
Seq:    61. 11:40:00 N: 30 Tem:  14.9 WS:   7.8 WD:  143.
Seq:    62. 11:40:30 N: 30 Tem:  14.8 WS:  10.5 WD:  154.
Seq:    63. 11:41:00 N: 30 Tem:  14.9 WS:  10.0 WD:  152.
Seq:    64. 11:41:30 N: 30 Tem:  14.8 WS:   7.5 WD:  171.
Seq:    65. 11:42:00 N: 30 Tem:  15.0 WS:   9.0 WD:  167.
Seq:    66. 11:42:30 N: 29 Tem:  15.0 WS:  10.0 WD:  164.
Seq:    67. 11:43:00 N: 30 Tem:  14.9 WS:  13.7 WD:  138.
Seq:    68. 11:43:30 N: 30 Tem:  15.0 WS:  15.0 WD:  148.
Seq:    69. 11:44:00 N: 30 Tem:  15.0 WS:  15.0 WD:  157.
Seq:    70. 11:44:30 N: 30 Tem:  15.0 WS:  13.5 WD:  167.
Seq:    71. 11:45:00 N: 30 Tem:  14.9 WS:  15.1 WD:  170.
Seq:    72. 11:45:30 N: 30 Tem:  15.0 WS:  15.0 WD:  170.
Seq:    73. 11:46:00 N: 30 Tem:  14.9 WS:  14.8 WD:  181.
Seq:    74. 11:46:30 N: 30 Tem:  15.0 WS:  12.1 WD:  166.
Seq:    75. 11:47:00 N: 30 Tem:  15.0 WS:  14.9 WD:  163.
Seq:    76. 11:47:30 N: 29 Tem:  14.9 WS:  13.4 WD:  167.
Seq:    77. 11:48:00 N: 30 Tem:  15.0 WS:   8.0 WD:  168.
Seq:    78. 11:48:30 N: 30 Tem:  15.0 WS:   7.0 WD:  167.
Seq:    79. 11:49:00 N: 30 Tem:  15.1 WS:   7.0 WD:  162.
Seq:    80. 11:49:30 N: 30 Tem:  14.9 WS:   9.8 WD:  163.
Seq:    81. 11:50:00 N: 30 Tem:  15.1 WS:  15.1 WD:  164.
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Seq:    83. 11:51:00 N: 30 Tem:  15.0 WS:  10.9 WD:  165.
Seq:    84. 11:51:30 N: 30 Tem:  15.1 WS:  14.5 WD:  171.
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Seq:    86. 11:52:30 N: 30 Tem:  15.2 WS:  11.7 WD:  160.
Seq:    87. 11:53:00 N: 30 Tem:  15.0 WS:  13.5 WD:  153.
Seq:    88. 11:53:30 N: 30 Tem:  15.1 WS:  10.0 WD:  160.
Seq:    89. 11:54:00 N: 29 Tem:  15.1 WS:   8.7 WD:  151.
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Seq:    91. 11:55:00 N: 30 Tem:  15.2 WS:   8.6 WD:  180.
Seq:    92. 11:55:30 N: 30 Tem:  15.1 WS:   9.7 WD:  171.
Seq:    93. 11:56:00 N: 30 Tem:  15.3 WS:  18.5 WD:  167.
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Seq:    95. 11:57:00 N: 30 Tem:  15.3 WS:   9.8 WD:  155.
Seq:    96. 11:57:30 N: 30 Tem:  15.2 WS:  10.6 WD:  182.
Seq:    97. 11:58:00 N: 30 Tem:  15.2 WS:  14.3 WD:  173.
Seq:    98. 11:58:30 N: 30 Tem:  15.3 WS:  16.6 WD:  185.
Seq:    99. 11:59:00 N: 29 Tem:  15.1 WS:  15.0 WD:  180.
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Seq:   101. 12:00:00 N: 30 Tem:  15.3 WS:   9.7 WD:  179.
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Seq:   103. 12:01:00 N: 30 Tem:  15.5 WS:  13.4 WD:  193.
Seq:   104. 12:01:30 N: 30 Tem:  15.4 WS:  15.1 WD:  179.
Seq:   105. 12:02:00 N: 30 Tem:  15.5 WS:  13.7 WD:  170.
Seq:   106. 12:02:30 N: 30 Tem:  15.3 WS:  14.3 WD:  197.
Seq:   107. 12:03:00 N: 30 Tem:  15.5 WS:  12.7 WD:  193.
Seq:   108. 12:03:30 N: 30 Tem:  15.4 WS:  16.3 WD:  186.
Seq:   109. 12:04:00 N: 29 Tem:  15.3 WS:  14.9 WD:  201.
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Seq:   111. 12:05:00 N: 30 Tem:  15.4 WS:  10.0 WD:  178.
Seq:   112. 12:05:30 N: 30 Tem:  15.4 WS:  14.7 WD:  179.
Seq:   113. 12:06:00 N: 30 Tem:  15.5 WS:   9.1 WD:  186.
Seq:   114. 12:06:30 N: 30 Tem:  15.4 WS:   8.2 WD:  180.
Seq:   115. 12:07:00 N: 29 Tem:  15.4 WS:   9.9 WD:  167.
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Seq:   118. 12:08:30 N: 30 Tem:  15.5 WS:  12.3 WD:  184.
Seq:   119. 12:09:00 N: 30 Tem:  15.5 WS:   8.9 WD:  190.
Seq:   120. 12:09:30 N: 30 Tem:  15.6 WS:   9.7 WD:  185.
Seq:   121. 12:10:00 N: 30 Tem:  15.6 WS:  12.6 WD:  163.
Seq:   122. 12:10:30 N: 30 Tem:  15.7 WS:  11.9 WD:  177.
Seq:   123. 12:11:00 N: 30 Tem:  15.8 WS:  10.8 WD:  173
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Seq: 125. 12:12:00 N: 30 Tem: 15.8 WS: 9.0 WD: 177.
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Seq: 127. 12:13:00 N: 30 Tem: 15.9 WS: 13.2 WD: 182.
Seq: 128. 12:13:30 N: 29 Tem: 15.8 WS: 13.3 WD: 185.
Seq: 129. 12:14:00 N: 30 Tem: 15.8 WS: 11.6 WD: 189.
Seq: 130. 12:14:30 N: 30 Tem: 15.9 WS: 9.4 WD: 194.
Seq: 131. 12:15:00 N: 30 Tem: 15.9 WS: 13.7 WD: 186.
Seq: 132. 12:15:30 N: 30 Tem: 16.0 WS: 15.0 WD: 182.
Seq: 133. 12:16:00 N: 30 Tem: 15.8 WS: 18.0 WD: 176.
Seq: 134. 12:16:30 N: 30 Tem: 15.9 WS: 14.2 WD: 191.
Seq: 135. 12:17:00 N: 30 Tem: 16.0 WS: 10.8 WD: 176.
Seq: 136. 12:17:30 N: 29 Tem: 16.1 WS: 11.3 WD: 172.
Seq: 137. 12:18:00 N: 30 Tem: 16.2 WS: 14.6 WD: 176.
Seq: 138. 12:18:30 N: 30 Tem: 16.1 WS: 12.5 WD: 171.
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Seq: 178. 12:38:30 N: 29 Tem: 16.7 WS: 8.5 WD: 178.
Seq: 179. 12:39:00 N: 30 Tem: 16.8 WS: 8.9 WD: 189.
Seq: 180. 12:39:30 N: 30 Tem: 16.8 WS: 15.5 WD: 170.
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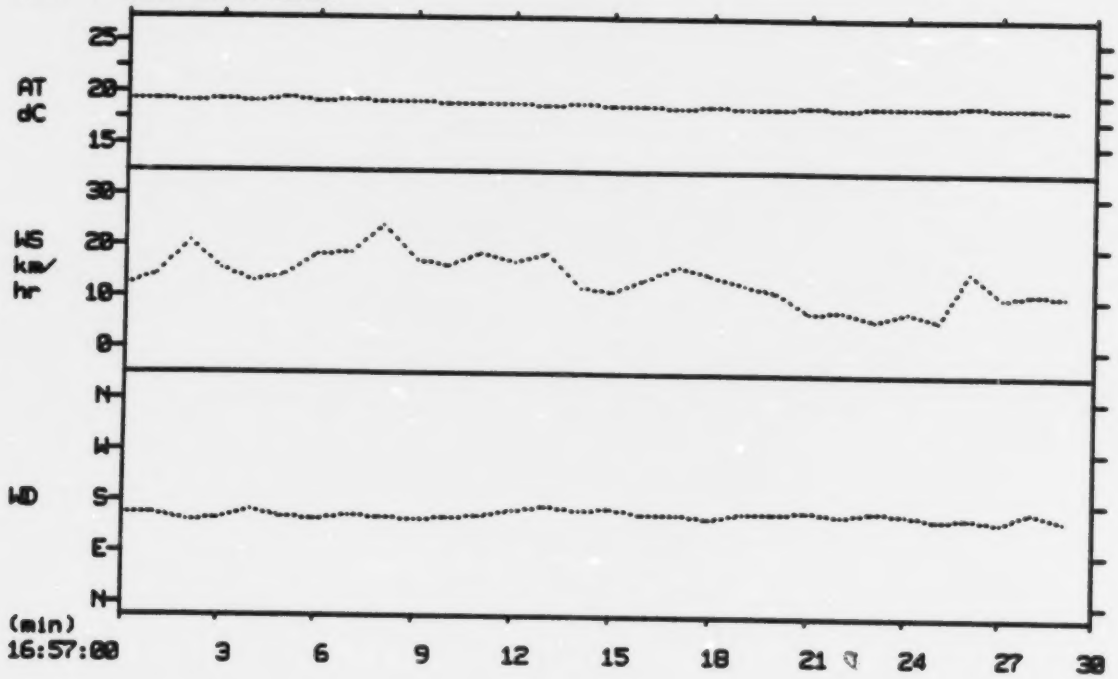
Seq: 182. 12:40:30 N: 30 Tem: 16.6 WS: 21.3 WD: 189.
Seq: 183. 12:41:00 N: 30 Tem: 16.5 WS: 20.2 WD: 176.
Seq: 184. 12:41:30 N: 30 Tem: 16.3 WS: 18.4 WD: 182.
Seq: 185. 12:42:00 N: 29 Tem: 16.3 WS: 18.2 WD: 188.
Seq: 186. 12:42:30 N: 30 Tem: 16.3 WS: 12.9 WD: 191.
Seq: 187. 12:43:00 N: 30 Tem: 16.5 WS: 19.2 WD: 178.
Seq: 188. 12:43:30 N: 30 Tem: 16.6 WS: 14.0 WD: 192.
Seq: 189. 12:44:00 N: 30 Tem: 16.6 WS: 12.2 WD: 198.

Seq:	190.	12:44:30	N:	30	Tem:	16.8	WS:	11.5	WD:	190.
Seq:	191.	12:45:00	N:	30	Tem:	16.9	WS:	11.1	WD:	203.
Seq:	192.	12:45:30	N:	30	Tem:	17.2	WS:	6.0	WD:	183.
Seq:	193.	12:46:00	N:	30	Tem:	17.1	WS:	10.5	WD:	169.
Seq:	194.	12:46:30	N:	30	Tem:	17.0	WS:	11.3	WD:	170.
Seq:	195.	12:47:00	N:	30	Tem:	17.0	WS:	13.2	WD:	178.
Seq:	196.	12:47:30	N:	29	Tem:	17.1	WS:	16.2	WD:	173.
Seq:	197.	12:48:00	N:	30	Tem:	16.8	WS:	20.8	WD:	168.
Seq:	198.	12:48:30	N:	30	Tem:	16.6	WS:	17.4	WD:	164.
Seq:	199.	12:49:00	N:	30	Tem:	16.5	WS:	18.3	WD:	169.
Seq:	200.	12:49:30	N:	30	Tem:	16.4	WS:	13.6	WD:	176.
Seq:	201.	12:50:00	N:	30	Tem:	16.3	WS:	13.1	WD:	183.
Seq:	202.	12:50:30	N:	29	Tem:	16.4	WS:	7.5	WD:	171.
Seq:	203.	12:51:00	N:	30	Tem:	16.6	WS:	10.7	WD:	176.
Seq:	204.	12:51:30	N:	30	Tem:	16.7	WS:	9.8	WD:	176.
Seq:	205.	12:52:00	N:	30	Tem:	16.8	WS:	14.7	WD:	167.
Seq:	206.	12:52:30	N:	30	Tem:	16.6	WS:	17.6	WD:	142.
Seq:	207.	12:53:00	N:	30	Tem:	16.7	WS:	14.2	WD:	173.
Seq:	208.	12:53:30	N:	30	Tem:	16.6	WS:	16.1	WD:	168.
Seq:	209.	12:54:00	N:	30	Tem:	16.7	WS:	11.1	WD:	162.
Seq:	210.	12:54:30	N:	30	Tem:	16.9	WS:	13.2	WD:	155.
Seq:	211.	12:55:00	N:	29	Tem:	17.1	WS:	14.4	WD:	171.
Seq:	212.	12:55:30	N:	30	Tem:	17.1	WS:	14.5	WD:	164.
Seq:	213.	12:56:00	N:	30	Tem:	17.2	WS:	13.5	WD:	168.
Seq:	214.	12:56:30	N:	30	Tem:	17.0	WS:	18.3	WD:	163.
Seq:	215.	12:57:00	N:	30	Tem:	17.0	WS:	15.0	WD:	173.
Seq:	216.	12:57:30	N:	30	Tem:	17.0	WS:	16.3	WD:	162.
Seq:	217.	12:58:00	N:	30	Tem:	17.1	WS:	15.7	WD:	169.
Seq:	218.	12:58:30	N:	30	Tem:	17.5	WS:	12.2	WD:	168.
Seq:	219.	12:59:00	N:	30	Tem:	17.7	WS:	8.7	WD:	177.
Seq:	220.	12:59:30	N:	30	Tem:	17.9	WS:	13.5	WD:	173.
Seq:	221.	13:00:00	N:	29	Tem:	17.8	WS:	13.0	WD:	160.
Seq:	222.	13:00:30	N:	30	Tem:	17.8	WS:	14.0	WD:	166.
Seq:	223.	13:01:00	N:	30	Tem:	17.8	WS:	15.1	WD:	178.
Seq:	224.	13:01:30	N:	30	Tem:	18.0	WS:	14.9	WD:	174.
Seq:	225.	13:02:00	N:	30	Tem:	17.8	WS:	14.3	WD:	173.
Seq:	226.	13:02:30	N:	30	Tem:	17.9	WS:	10.4	WD:	154.
Seq:	227.	13:03:00	N:	30	Tem:	17.8	WS:	12.9	WD:	151.
Seq:	228.	13:03:30	N:	30	Tem:	17.8	WS:	14.2	WD:	148.
Seq:	229.	13:04:00	N:	30	Tem:	17.9	WS:	12.0	WD:	142.
Seq:	230.	13:04:30	N:	29	Tem:	17.8	WS:	14.0	WD:	169.
Seq:	231.	13:05:00	N:	30	Tem:	17.8	WS:	15.5	WD:	173.
Seq:	232.	13:05:30	N:	30	Tem:	17.5	WS:	18.2	WD:	162.
Seq:	233.	13:06:00	N:	30	Tem:	17.5	WS:	15.7	WD:	148.
Seq:	234.	13:06:30	N:	30	Tem:	17.2	WS:	15.9	WD:	147.
Seq:	235.	13:07:00	N:	29	Tem:	17.2	WS:	22.4	WD:	151.
Seq:	236.	13:07:30	N:	30	Tem:	16.9	WS:	17.4	WD:	147.
Seq:	237.	13:08:00	N:	30	Tem:	17.2	WS:	15.2	WD:	157.
Seq:	238.	13:08:30	N:	30	Tem:	17.3	WS:	21.6	WD:	148.
Seq:	239.	13:09:00	N:	30	Tem:	17.6	WS:	22.2	WD:	143.
Seq:	240.	13:09:30	N:	30	Tem:	17.6	WS:	23.2	WD:	146.
Seq:	241.	13:10:00	N:	30	Tem:	17.9	WS:	19.3	WD:	148.
Seq:	242.	13:10:30	N:	29	Tem:	18.0	WS:	25.2	WD:	164.
Seq:	243.	13:11:00	N:	30	Tem:	18.1	WS:	17.2	WD:	169.
Seq:	244.	13:11:30	N:	30	Tem:	16.3	WS:	13.5	WD:	163.
Seq:	245.	13:12:00	N:	30	Tem:	18.3	WS:	17.2	WD:	142.
Seq:	246.	13:12:30	N:	30	Tem:	18.3	WS:	22.5	WD:	143.
Seq:	247.	13:13:00	N:	30	Tem:	17.9	WS:	19.3	WD:	167.
Seq:	248.	13:13:30	N:	30	Tem:	17.9	WS:	18.2	WD:	164.
Seq:	249.	13:14:00	N:	30	Tem:	17.8	WS:	23.3	WD:	162.
Seq:	250.	13:14:30	N:	29	Tem:	17.9	WS:	23.6	WD:	167.
Seq:	251.	13:15:00	N:	30	Tem:	17.9	WS:	20.4	WD:	172.
Seq:	252.	13:15:30	N:	30	Tem:	17.8	WS:	24.3	WD:	162.
Seq:	253.	13:16:00	N:	30	Tem:	17.8	WS:	16.7	WD:	173.
Seq:	254.	13:16:30	N:	30	Tem:	17.7	WS:	21.5	WD:	174.
Seq:	255.	13:17:00	N:	30	Tem:	17.7	WS:	15.1	WD:	169.

Sea 25: 13:17:00 N: 30 Tem: 18.0 WS: 14.4 WD: 178.

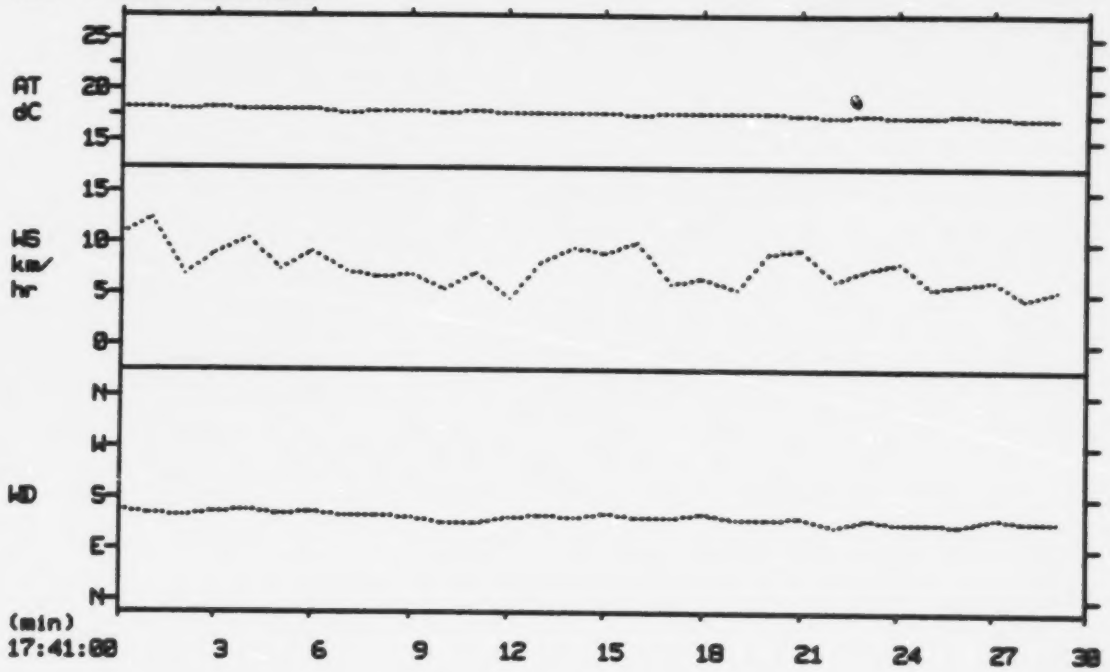
LONDON:CULVER CRES.

Start: 85/10/23 16:40:30 File: PB2329.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : 130 CULVER CRES.
Met : SUNNY WARM WINDY



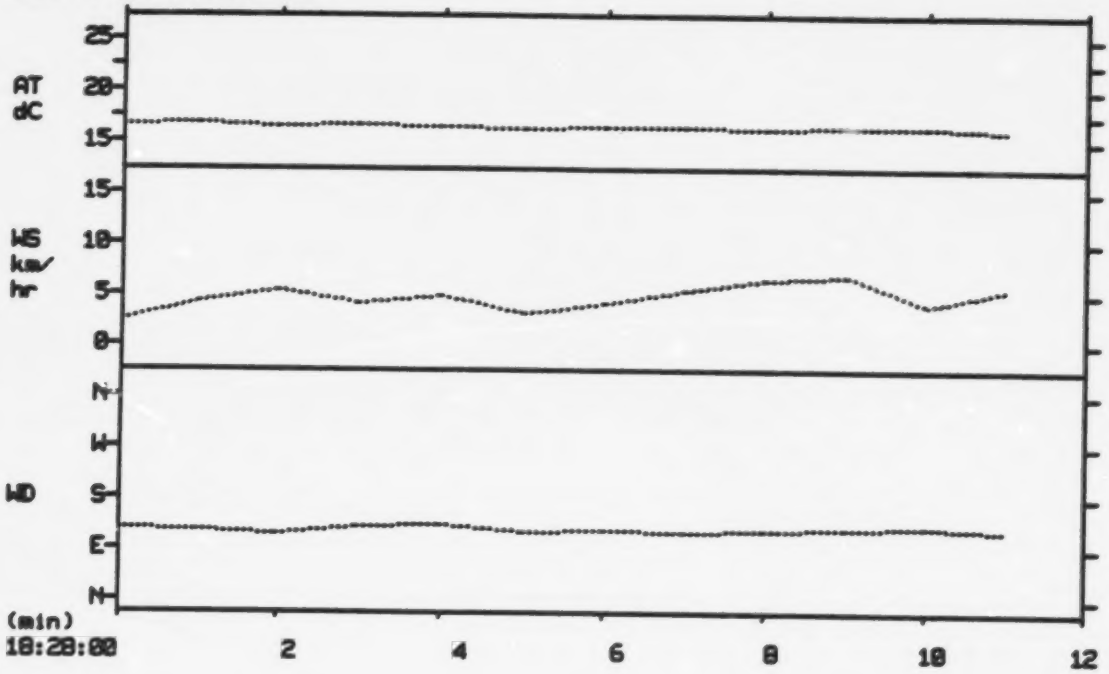
LONDON:CULVER CRES.

Start: 85/10/23 16:40:30 File: PB2329.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : 130 CULVER CRES.
Met : SUNNY WARM WINDY



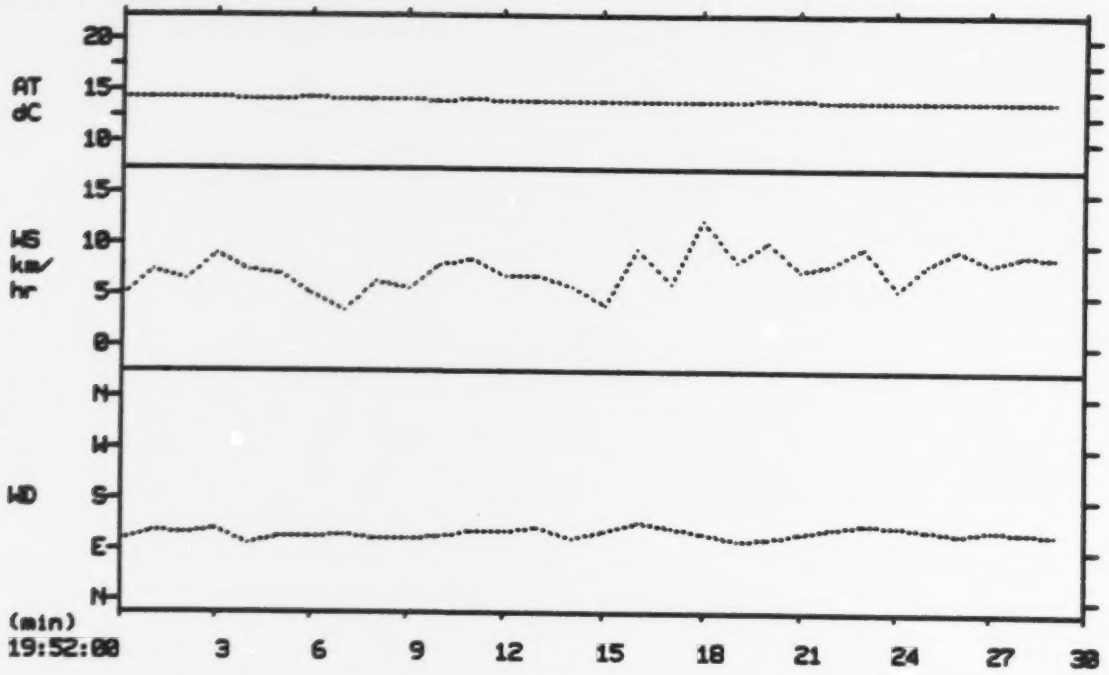
LONDON:CULVER CRES.

Start: 85/10/23 16:40:30 File: PB2329.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : 130 CULVER CRES.
Met : SUNNY WARM WINDY



LONDON

Start: 85/10/23 19:45:30 File: PB2331.MET
Scan : 30 sec Ave: 1.00 min Rep: 1.00 min Rnd: 1.0 min
Loc : N RR OFF 3[illegible] BEHIND CULVER CT.
Met : DARK



LONDON:OLIVER DR.

File : PB2534.MET
Start: 85/10/25 11:55:00 Scan: 30 sec.
Loc : 1734 OLIVER DR.
Met : SUNNY

Seq:	1.	11:55:00	N:	4	Tem:	14.1	WS:	13.4	WD:	278.
Seq:	2.	11:55:30	N:	30	Tem:	13.8	WS:	17.8	WD:	287.
Seq:	3.	11:56:00	N:	30	Tem:	13.7	WS:	11.1	WD:	294.
Seq:	4.	11:56:30	N:	30	Tem:	13.9	WS:	11.5	WD:	297.
Seq:	5.	11:57:00	N:	29	Tem:	14.1	WS:	11.0	WD:	277.
Seq:	6.	11:57:30	N:	30	Tem:	14.2	WS:	10.4	WD:	294.
Seq:	7.	11:58:00	N:	30	Tem:	14.3	WS:	16.5	WD:	296.
Seq:	8.	11:58:30	N:	30	Tem:	14.2	WS:	12.5	WD:	302.
Seq:	9.	11:59:00	N:	30	Tem:	14.2	WS:	23.6	WD:	313.
Seq:	10.	11:59:30	N:	30	Tem:	14.2	WS:	20.1	WD:	307.
Seq:	11.	12:00:00	N:	30	Tem:	14.2	WS:	19.2	WD:	278.
Seq:	12.	12:00:30	N:	30	Tem:	14.0	WS:	12.4	WD:	299.
Seq:	13.	12:01:00	N:	30	Tem:	14.1	WS:	11.0	WD:	307.
Seq:	14.	12:01:30	N:	30	Tem:	14.2	WS:	12.0	WD:	315.
Seq:	15.	12:02:00	N:	30	Tem:	14.5	WS:	14.0	WD:	313.
Seq:	16.	12:02:30	N:	30	Tem:	14.6	WS:	17.1	WD:	317.
Seq:	17.	12:03:00	N:	30	Tem:	14.7	WS:	14.3	WD:	316.
Seq:	18.	12:03:30	N:	30	Tem:	14.7	WS:	12.1	WD:	317.
Seq:	19.	12:04:00	N:	30	Tem:	14.9	WS:	14.5	WD:	315.
Seq:	20.	12:04:30	N:	30	Tem:	14.9	WS:	13.9	WD:	306.
Seq:	21.	12:05:00	N:	30	Tem:	14.8	WS:	18.7	WD:	284.
Seq:	22.	12:05:30	N:	30	Tem:	14.3	WS:	15.4	WD:	282.
Seq:	23.	12:06:00	N:	30	Tem:	14.1	WS:	14.7	WD:	272.
Seq:	24.	12:06:30	N:	30	Tem:	14.1	WS:	11.3	WD:	276.
Seq:	25.	12:07:00	N:	29	Tem:	14.0	WS:	11.9	WD:	253.
Seq:	26.	12:07:30	N:	30	Tem:	13.9	WS:	13.8	WD:	258.
Seq:	27.	12:08:00	N:	30	Tem:	13.9	WS:	15.5	WD:	265.
Seq:	28.	12:08:30	N:	30	Tem:	14.0	WS:	13.0	WD:	280.
Seq:	29.	12:09:00	N:	30	Tem:	14.1	WS:	11.1	WD:	274.
Seq:	30.	12:09:30	N:	30	Tem:	14.4	WS:	8.9	WD:	301.
Seq:	31.	12:10:00	N:	30	Tem:	14.6	WS:	17.8	WD:	317.
Seq:	32.	12:10:30	N:	30	Tem:	14.7	WS:	20.6	WD:	309.
Seq:	33.	12:11:00	N:	30	Tem:	14.6	WS:	13.8	WD:	318.
Seq:	34.	12:11:30	N:	30	Tem:	14.7	WS:	17.3	WD:	318.
Seq:	35.	12:12:00	N:	30	Tem:	14.7	WS:	21.0	WD:	322.
Seq:	36.	12:12:30	N:	30	Tem:	14.7	WS:	16.5	WD:	327.
Seq:	37.	12:13:00	N:	30	Tem:	14.8	WS:	16.9	WD:	327.
Seq:	38.	12:13:30	N:	30	Tem:	14.8	WS:	17.5	WD:	317.
Seq:	39.	12:14:00	N:	30	Tem:	14.9	WS:	19.3	WD:	309.
Seq:	40.	12:14:30	N:	30	Tem:	14.7	WS:	16.9	WD:	289.
Seq:	41.	12:15:00	N:	30	Tem:	14.6	WS:	12.0	WD:	271.
Seq:	42.	12:15:30	N:	30	Tem:	14.6	WS:	5.4	WD:	306.
Seq:	43.	12:16:00	N:	30	Tem:	14.7	WS:	6.8	WD:	319.
Seq:	44.	12:16:30	N:	30	Tem:	14.9	WS:	11.6	WD:	315.
Seq:	45.	12:17:00	N:	29	Tem:	15.0	WS:	14.4	WD:	295.
Seq:	46.	12:17:30	N:	30	Tem:	14.9	WS:	13.6	WD:	289.
Seq:	47.	12:18:00	N:	30	Tem:	14.9	WS:	12.3	WD:	265.
Seq:	48.	12:18:30	N:	30	Tem:	14.8	WS:	16.7	WD:	275.
Seq:	49.	12:19:00	N:	30	Tem:	14.6	WS:	18.6	WD:	264.
Seq:	50.	12:19:30	N:	30	Tem:	14.5	WS:	19.7	WD:	278.
Seq:	51.	12:20:00	N:	30	Tem:	14.3	WS:	15.4	WD:	287.
Seq:	52.	12:20:30	N:	30	Tem:	14.3	WS:	14.3	WD:	290.
Seq:	53.	12:21:00	N:	30	Tem:	14.3	WS:	10.6	WD:	290.
Seq:	54.	12:21:30	N:	30	Tem:	14.4	WS:	5.4	WD:	263.
Seq:	55.	12:22:00	N:	30	Tem:	14.5	WS:	9.3	WD:	284.
Seq:	56.	12:22:30	N:	30	Tem:	14.6	WS:	13.4	WD:	300.
Seq:	57.	12:23:00	N:	30	Tem:	14.6	WS:	16.0	WD:	306.

Seq:	59.	12:24:00	N:	30	Tem:	14.5	WS:	24.4	WD:	282.
Seq:	60.	12:24:30	N:	30	Tem:	14.3	WS:	17.1	WD:	298.
Seq:	61.	12:25:00	N:	29	Tem:	14.2	WS:	16.8	WD:	295.
Seq:	62.	12:25:30	N:	30	Tem:	14.0	WS:	18.6	WD:	301.
Seq:	63.	12:26:00	N:	30	Tem:	13.8	WS:	19.1	WD:	286.
Seq:	64.	12:26:30	N:	30	Tem:	13.8	WS:	16.8	WD:	295.
Seq:	65.	12:27:00	N:	30	Tem:	14.0	WS:	13.6	WD:	296.
Seq:	66.	12:27:30	N:	30	Tem:	14.2	WS:	10.8	WD:	282.
Seq:	67.	12:28:00	N:	30	Tem:	14.4	WS:	12.7	WD:	288
Seq:	68.	12:28:30	N:	30	Tem:	14.4	WS:	14.4	WD:	288.
Seq:	69.	12:29:00	N:	30	Tem:	14.3	WS:	14.7	WD:	300.
Seq:	70.	12:29:30	N:	30	Tem:	14.2	WS:	15.9	WD:	294.
Seq:	71.	12:30:00	N:	30	Tem:	14.2	WS:	15.3	WD:	280.
Seq:	72.	12:30:30	N:	30	Tem:	14.1	WS:	17.0	WD:	299.
Seq:	73.	12:31:00	N:	30	Tem:	14.2	WS:	13.4	WD:	267.
Seq:	74.	12:31:30	N:	30	Tem:	14.4	WS:	17.6	WD:	274.
Seq:	75.	12:32:00	N:	30	Tem:	14.5	WS:	14.3	WD:	311.
Seq:	76.	12:32:30	N:	30	Tem:	14.6	WS:	22.2	WD:	318.
Seq:	77.	12:33:00	N:	30	Tem:	14.8	WS:	14.9	WD:	311.
Seq:	78.	12:33:30	N:	30	Tem:	14.9	WS:	17.6	WD:	301.
Seq:	79.	12:34:00	N:	30	Tem:	14.9	WS:	14.3	WD:	307.
Seq:	80.	12:34:30	N:	30	Tem:	14.9	WS:	18.8	WD:	291.
Seq:	81.	12:35:00	N:	30	Tem:	14.7	WS:	16.1	WD:	304.
Seq:	82.	12:35:30	N:	30	Tem:	14.7	WS:	18.2	WD:	314.
Seq:	83.	12:36:00	N:	30	Tem:	14.7	WS:	12.8	WD:	295.
Seq:	84.	12:36:30	N:	29	Tem:	14.7	WS:	16.2	WD:	303.
Seq:	85.	12:37:00	N:	30	Tem:	14.7	WS:	15.3	WD:	294.
Seq:	86.	12:37:30	N:	30	Tem:	14.7	WS:	9.1	WD:	268.
Seq:	87.	12:38:00	N:	30	Tem:	14.7	WS:	13.6	WD:	276.
Seq:	88.	12:38:30	N:	30	Tem:	14.8	WS:	14.6	WD:	281.
Seq:	89.	12:39:00	N:	30	Tem:	14.8	WS:	10.1	WD:	266.
Seq:	90.	12:39:30	N:	30	Tem:	14.9	WS:	14.1	WD:	263.
Seq:	91.	12:40:00	N:	30	Tem:	14.8	WS:	15.8	WD:	272.
Seq:	92.	12:40:30	N:	30	Tem:	14.7	WS:	23.8	WD:	282.
Seq:	93.	12:41:00	N:	30	Tem:	14.6	WS:	20.7	WD:	288.
Seq:	94.	12:41:30	N:	30	Tem:	14.5	WS:	23.2	WD:	293.
Seq:	95.	12:42:00	N:	30	Tem:	14.4	WS:	23.5	WD:	293.
Seq:	96.	12:42:30	N:	30	Tem:	14.3	WS:	15.7	WD:	295.
Seq:	97.	12:43:00	N:	30	Tem:	14.3	WS:	14.9	WD:	312.
Seq:	98.	12:43:30	N:	30	Tem:	14.5	WS:	14.9	WD:	302.
Seq:	99.	12:44:00	N:	30	Tem:	14.6	WS:	15.9	WD:	311.
Seq:	100.	12:44:30	N:	30	Tem:	14.8	WS:	17.4	WD:	318.
Seq:	101.	12:45:00	N:	30	Tem:	14.8	WS:	18.8	WD:	306.
Seq:	102.	12:45:30	N:	30	Tem:	14.8	WS:	10.2	WD:	309.
Seq:	103.	12:46:00	N:	30	Tem:	14.5	WS:	7.3	WD:	320.
Seq:	104.	12:46:30	N:	30	Tem:	14.8	WS:	8.4	WD:	302.
Seq:	105.	12:47:00	N:	30	Tem:	14.9	WS:	9.3	WD:	286.
Seq:	106.	12:47:30	N:	30	Tem:	14.9	WS:	11.3	WD:	282.
Seq:	107.	12:48:00	N:	29	Tem:	15.0	WS:	7.4	WD:	265.
Seq:	108.	12:48:30	N:	30	Tem:	15.2	WS:	6.1	WD:	282.
Seq:	109.	12:49:00	N:	30	Tem:	15.3	WS:	17.6	WD:	269.
Seq:	110.	12:49:30	N:	30	Tem:	15.2	WS:	13.7	WD:	282.
Seq:	111.	12:50:00	N:	30	Tem:	15.2	WS:	15.9	WD:	282.
eq:	112.	12:50:30	N:	30	Tem:	15.1	WS:	19.1	WD:	280.
eq:	113.	12:51:00	N:	30	Tem:	15.0	WS:	13.8	WD:	282.
eq:	114.	12:51:30	N:	30	Tem:	15.2	WS:	17.5	WD:	278.
eq:	115.	12:52:00	N:	30	Tem:	15.0	WS:	18.6	WD:	275.
eq:	116.	12:52:30	N:	30	Tem:	14.9	WS:	16.9	WD:	271.
eq:	117.	12:53:00	N:	30	Tem:	14.9	WS:	15.7	WD:	284.
eq:	118.	12:53:30	N:	30	Tem:	14.8	WS:	16.0	WD:	285.
eq:	119.	12:54:00	N:	30	Tem:	14.8	WS:	16.6	WD:	269.
eq:	120.	12:54:30	N:	30	Tem:	14.8	WS:	17.0	WD:	272.
eq:	121.	12:55:00	N:	30	Tem:	14.9	WS:	14.6	WD:	263.
eq:	122.	12:55:30	N:	30	Tem:	15.0	WS:	14.5	WD:	296.
eq:	123.	12:56:00	N:	30	Tem:	14.9	WS:	13.2	WD:	307.

Seq:	125.	12:57:00	N:	30	Tem:	14.8	WS:	12.2	WD:	281.
Seq:	126.	12:57:30	N:	30	Tem:	14.9	WS:	11.0	WD:	267.
Seq:	127.	12:58:00	N:	30	Tem:	15.0	WS:	11.6	WD:	273.
Seq:	128.	12:58:30	N:	30	Tem:	15.1	WS:	9.6	WD:	284.
Seq:	129.	12:59:00	N:	30	Tem:	15.3	WS:	9.8	WD:	312.
Seq:	130.	12:59:30	N:	30	Tem:	15.4	WS:	18.0	WD:	305.
Seq:	131.	13:00:00	N:	30	Tem:	15.3	WS:	16.8	WD:	278.
Seq:	132.	13:00:30	N:	30	Tem:	15.2	WS:	17.2	WD:	265.
Seq:	133.	13:01:00	N:	29	Tem:	15.2	WS:	16.3	WD:	283.
Seq:	134.	13:01:30	N:	30	Tem:	15.2	WS:	12.2	WD:	282.
Seq:	135.	13:02:00	N:	30	Tem:	15.2	WS:	18.8	WD:	305.
Seq:	136.	13:02:30	N:	30	Tem:	15.1	WS:	21.1	WD:	317.
Seq:	137.	13:03:00	N:	30	Tem:	15.2	WS:	15.2	WD:	301.
Seq:	138.	13:03:30	N:	30	Tem:	15.3	WS:	16.0	WD:	290.
Seq:	139.	13:04:00	N:	30	Tem:	15.3	WS:	13.7	WD:	297.
Seq:	140.	13:04:30	N:	30	Tem:	15.3	WS:	11.1	WD:	304.
Seq:	141.	13:05:00	N:	30	Tem:	15.4	WS:	9.4	WD:	304.
Seq:	142.	13:05:30	N:	30	Tem:	15.5	WS:	14.2	WD:	304.
Seq:	143.	13:06:00	N:	30	Tem:	15.5	WS:	16.4	WD:	296.
Seq:	144.	13:06:30	N:	30	Tem:	15.5	WS:	9.0	WD:	266.
Seq:	145.	13:07:00	N:	30	Tem:	15.6	WS:	10.2	WD:	272.
Seq:	146.	13:07:30	N:	30	Tem:	15.5	WS:	9.0	WD:	278.
Seq:	147.	13:08:00	N:	30	Tem:	15.5	WS:	14.4	WD:	264
Seq:	148.	13:08:30	N:	29	Tem:	15.3	WS:	13.1	WD:	267.
Seq:	149.	13:09:00	N:	30	Tem:	15.3	WS:	19.2	WD:	264.
Seq:	150.	13:09:30	N:	30	Tem:	15.2	WS:	12.3	WD:	274.
Seq:	151.	13:10:00	N:	30	Tem:	15.4	WS:	7.8	WD:	282.
Seq:	152.	13:10:30	N:	30	Tem:	15.5	WS:	11.9	WD:	293.
Seq:	153.	13:11:00	N:	30	Tem:	15.4	WS:	13.6	WD:	290.
Seq:	154.	13:11:30	N:	30	Tem:	15.5	WS:	11.4	WD:	280.
Seq:	155.	13:12:00	N:	30	Tem:	15.4	WS:	15.4	WD:	261.
Seq:	156.	13:12:30	N:	30	Tem:	15.3	WS:	12.6	WD:	257.
Seq:	157.	13:13:00	N:	30	Tem:	15.3	WS:	13.0	WD:	277.
Seq:	158.	13:13:30	N:	30	Tem:	15.3	WS:	20.1	WD:	308.
Seq:	159.	13:14:00	N:	30	Tem:	15.3	WS:	16.0	WD:	304.
Seq:	160.	13:14:30	N:	30	Tem:	15.5	WS:	10.0	WD:	300.
Seq:	161.	13:15:00	N:	30	Tem:	15.7	WS:	9.5	WD:	312.
Seq:	162.	13:15:30	N:	30	Tem:	15.9	WS:	4.9	WD:	302.
Seq:	163.	13:16:00	N:	30	Tem:	15.9	WS:	6.0	WD:	317.
Seq:	164.	13:16:30	N:	30	Tem:	16.1	WS:	11.7	WD:	317.
Seq:	165.	13:17:00	N:	30	Tem:	16.1	WS:	14.5	WD:	291.
Seq:	166.	13:17:30	N:	30	Tem:	16.0	WS:	17.2	WD:	302.
Seq:	167.	13:18:00	N:	30	Tem:	15.8	WS:	18.5	WD:	303.
Seq:	168.	13:18:30	N:	30	Tem:	15.7	WS:	20.4	WD:	308.
Seq:	169.	13:19:00	N:	30	Tem:	15.6	WS:	13.4	WD:	279.
Seq:	170.	13:19:30	N:	30	Tem:	15.5	WS:	10.7	WD:	260.
Seq:	171.	13:20:00	N:	30	Tem:	15.4	WS:	11.9	WD:	263.
Seq:	172.	13:20:30	N:	29	Tem:	15.2	WS:	13.9	WD:	250.
Seq:	173.	13:21:00	N:	30	Tem:	15.2	WS:	11.8	WD:	264.
Seq:	174.	13:21:30	N:	30	Tem:	15.2	WS:	6.9	WD:	289.
Seq:	175.	13:22:00	N:	30	Tem:	15.3	WS:	19.1	WD:	298.
Seq:	176.	13:22:30	N:	30	Tem:	15.2	WS:	12.4	WD:	306.
Seq:	177.	13:23:00	N:	30	Tem:	15.0	WS:	12.9	WD:	317.
Seq:	178.	13:23:30	N:	30	Tem:	15.2	WS:	13.3	WD:	316.
Seq:	179.	13:24:00	N:	30	Tem:	15.3	WS:	13.3	WD:	293.
Seq:	180.	13:24:30	N:	30	Tem:	15.3	WS:	10.8	WD:	266.
Seq:	181.	13:25:00	N:	30	Tem:	15.4	WS:	11.0	WD:	267.
Seq:	182.	13:25:30	N:	30	Tem:	15.4	WS:	12.5	WD:	251.
Seq:	183.	13:26:00	N:	30	Tem:	15.6	WS:	9.6	WD:	269.
Seq:	184.	13:26:30	N:	30	Tem:	15.7	WS:	13.1	WD:	296.
Seq:	185.	13:27:00	N:	30	Tem:	15.8	WS:	10.3	WD:	299.
Seq:	186.	13:27:30	N:	28	Tem:	15.7	WS:	19.0	WD:	290.
Seq:	187.	13:28:00	N:	29	Tem:	15.4	WS:	14.2	WD:	270.
Seq:	188.	13:28:30	N:	30	Tem:	15.4	WS:	16.3	WD:	276.
Seq:	189.	13:29:00	N:	30	Tem:	15.5	WS:	13.6	WD:	287.

Seq: 191. 13:30:00 N: 30 Tem: 15.3 WS: 19.3 WD: 304.
Seq: 192. 13:30:30 N: 30 Tem: 15.5 WS: 15.2 WD: 293.
Seq: 193. 13:31:00 N: 30 Tem: 15.3 WS: 12.1 WD: 275.
Seq: 194. 13:31:30 N: 30 Tem: 15.3 WS: 10.8 WD: 284.
Seq: 195. 13:32:00 N: 30 Tem: 15.4 WS: 13.6 WD: 272.
Seq: 196. 13:32:30 N: 30 Tem: 15.4 WS: 14.8 WD: 270.
Seq: 197. 13:33:00 N: 30 Tem: 15.5 WS: 18.9 WD: 249.
Seq: 198. 13:33:30 N: 30 Tem: 15.4 WS: 16.7 WD: 292.
Seq: 199. 13:34:00 N: 30 Tem: 15.4 WS: 14.9 WD: 270.
Seq: 200. 13:34:30 N: 30 Tem: 15.6 WS: 10.5 WD: 265.
Seq: 201. 13:35:00 N: 30 Tem: 15.6 WS: 14.4 WD: 254.
Seq: 202. 13:35:30 N: 30 Tem: 15.6 WS: 18.0 WD: 250.
Seq: 203. 13:36:00 N: 30 Tem: 15.3 WS: 18.8 WD: 263.
Seq: 204. 13:36:30 N: 30 Tem: 15.2 WS: 14.9 WD: 259.
Seq: 205. 13:37:00 N: 29 Tem: 15.3 WS: 12.7 WD: 258.
Seq: 206. 13:37:30 N: 30 Tem: 15.4 WS: 16.7 WD: 267.
Seq: 207. 13:38:00 N: 30 Tem: 15.5 WS: 11.6 WD: 261.
Seq: 208. 13:38:30 N: 30 Tem: 15.4 WS: 15.2 WD: 284.
Seq: 209. 13:39:00 N: 30 Tem: 15.4 WS: 16.6 WD: 278.
Seq: 210. 13:39:30 N: 30 Tem: 15.5 WS: 11.9 WD: 301.
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Seq: 212. 13:40:30 N: 30 Tem: 15.8 WS: 9.2 WD: 304.
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Seq: 214. 13:41:30 N: 30 Tem: 16.2 WS: 7.5 WD: 317.
Seq: 215. 13:42:00 N: 30 Tem: 16.2 WS: 10.2 WD: 313.
Seq: 216. 13:42:30 N: 30 Tem: 16.3 WS: 9.8 WD: 310.
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Seq: 218. 13:43:30 N: 30 Tem: 16.4 WS: 9.7 WD: 300.
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Seq: 222. 13:45:30 N: 30 Tem: 16.5 WS: 9.8 WD: 271.
Seq: 223. 13:46:00 N: 30 Tem: 16.5 WS: 11.6 WD: 278.
Seq: 224. 13:46:30 N: 30 Tem: 16.4 WS: 12.0 WD: 272.
Seq: 225. 13:47:00 N: 29 Tem: 16.2 WS: 15.3 WD: 275.
Seq: 226. 13:47:30 N: 30 Tem: 16.0 WS: 14.0 WD: 270.
Seq: 227. 13:48:00 N: 30 Tem: 15.9 WS: 16.0 WD: 280.
Seq: 228. 13:48:30 N: 30 Tem: 15.9 WS: 16.8 WD: 259.
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Seq: 234. 13:51:30 N: 30 Tem: 15.9 WS: 17.5 WD: 263.
Seq: 235. 13:52:00 N: 30 Tem: 15.9 WS: 18.7 WD: 277.
Seq: 236. 13:52:30 N: 30 Tem: 15.8 WS: 16.6 WD: 284.
Seq: 237. 13:53:00 N: 30 Tem: 15.8 WS: 19.4 WD: 313.
Seq: 238. 13:53:30 N: 30 Tem: 15.9 WS: 16.9 WD: 304.
Seq: 239. 13:54:00 N: 30 Tem: 16.0 WS: 19.2 WD: 303.
Seq: 240. 13:54:30 N: 30 Tem: 16.0 WS: 14.4 WD: 313.
Seq: 241. 13:55:00 N: 30 Tem: 16.1 WS: 17.7 WD: 303.
Seq: 242. 13:55:30 N: 30 Tem: 16.4 WS: 16.3 WD: 280.
Seq: 243. 13:56:00 N: 30 Tem: 16.2 WS: 20.4 WD: 300.
Seq: 244. 13:56:30 N: 30 Tem: 16.0 WS: 16.3 WD: 296.
Seq: 245. 13:57:00 N: 30 Tem: 16.0 WS: 8.8 WD: 287.
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Seq: 247. 13:58:00 N: 30 Tem: 16.2 WS: 17.0 WD: 257.
Seq: 248. 13:58:30 N: 29 Tem: 16.2 WS: 11.6 WD: 274.
Seq: 249. 13:59:00 N: 30 Tem: 16.2 WS: 10.2 WD: 280
Seq: 250. 13:59:30 N: 30 Tem: 16.3 WS: 12.4 WD: 271.
Seq: 251. 14:00:00 N: 30 Tem: 16.3 WS: 15.4 WD: 290.
Seq: 252. 14:00:30 N: 30 Tem: 16.2 WS: 13.9 WD: 269
Seq: 253. 14:01:00 N: 30 Tem: 16.0 WS: 9.3 WD: 290
Seq: 254. 14:01:30 N: 30 Tem: 16.0 WS: 9.7 WD: 257.
Seq: 255. 14:02:00 N: 30 Tem: 15.9 WS: 8.7 WD: 281.

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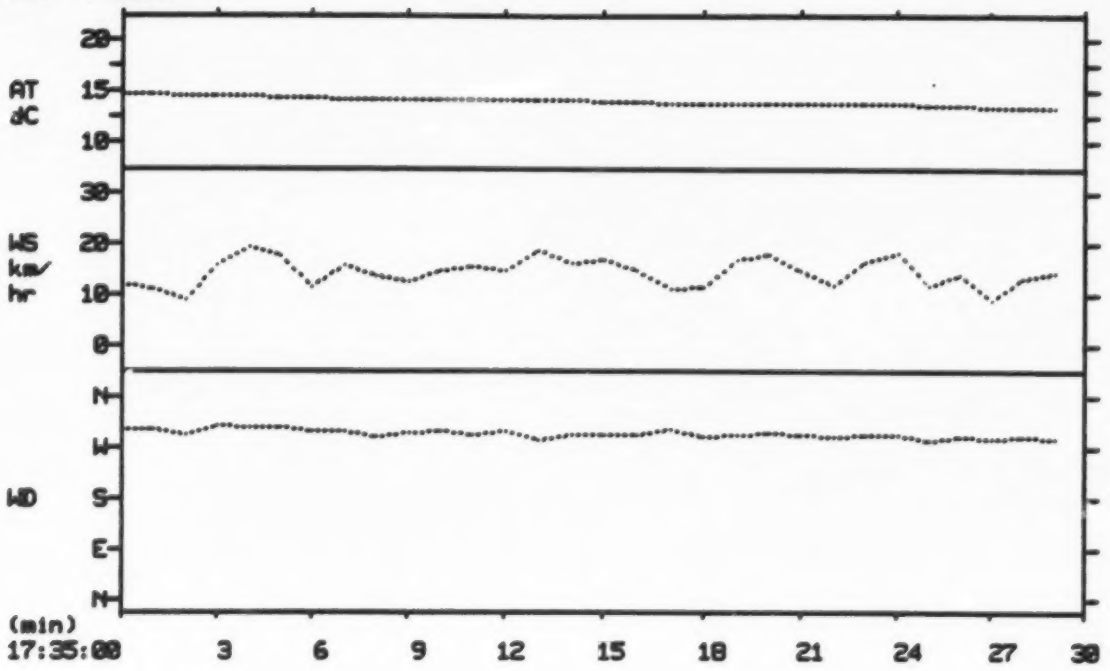

POOR
QUALITY
ORIGINAL